

# Product Datasheet

## GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free NBP3-25620

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/18/2026 v.20.1

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**NBP3-25620**

GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free

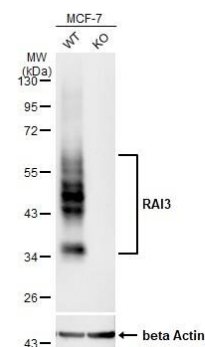
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1864
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free (NBP3-25620) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9052
Gene Symbol	GPRC5A
Species	Human
Immunogen	Recombinant fragment of human GPRC5A/RAI3.

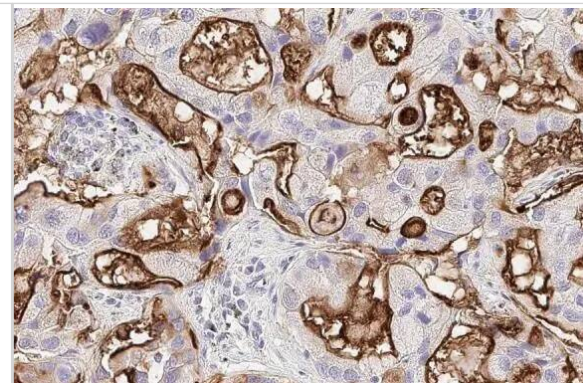
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunohistochemistry-Paraffin Assay dependent

**Images**

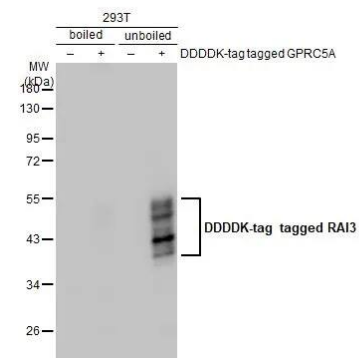
Western Blot: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620] - Unboiled wild-type (WT) and GPRC5A knockout (KO) MCF-7 cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



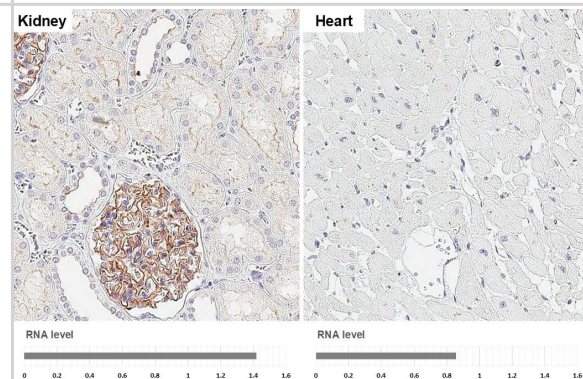
**Immunohistochemistry-Paraffin: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620] - RAI3 antibody [HL1864] detects RAI3 protein at cell membrane by immunohistochemical analysis.**  
**Sample: Paraffin-embedded human lung cancer. RAI3 stained by RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min**



**Western Blot: GPRC5A/RAI3 Antibody (HL1864) - Azide and BSA Free [NBP3-25620] - Non-transfected (-) and transfected (+) boiled and unboiled 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.**

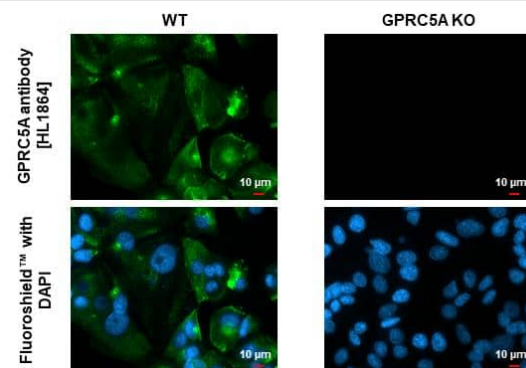


**GPRC5A/RAI3 antibody [HL1864] detects GPRC5A/RAI3 protein by immunohistochemical analysis. Sample: Paraffin-embedded human tissues. GPRC5A/RAI3 stained by GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min**



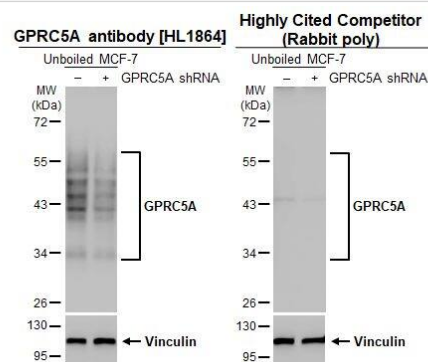
**GPRC5A/RAI3 antibody [HL1864] detects GPRC5A/RAI3 protein by immunofluorescent analysis.**

**Sample: Wild-type (WT) and GPRC5A/RAI3 knockout (KO) MCF-7 cells were fixed in ice-cold MeOH for 5 min. Green: GPRC5A/RAI3 stained by GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:500. Blue: Fluoroshield™ with DAPI**

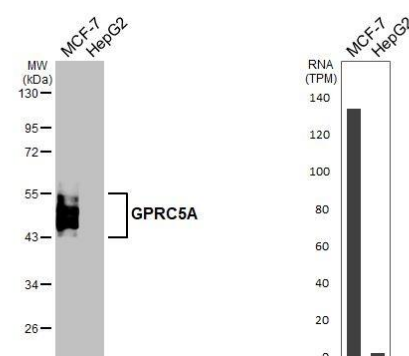


Non-transfected (-) and transfected (+) unboiled MCF-7 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membranes were blotted with GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:5000 and competitor's antibody (Competitor) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

\*The competitor is not affiliated with and does not endorse this product.

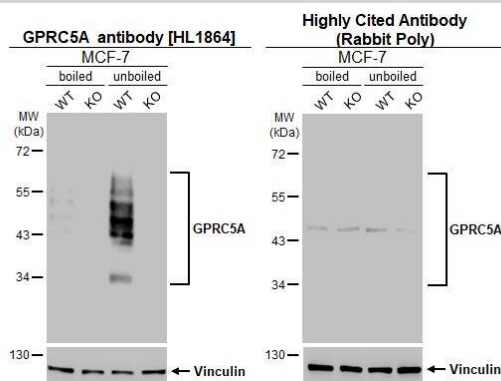


Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.

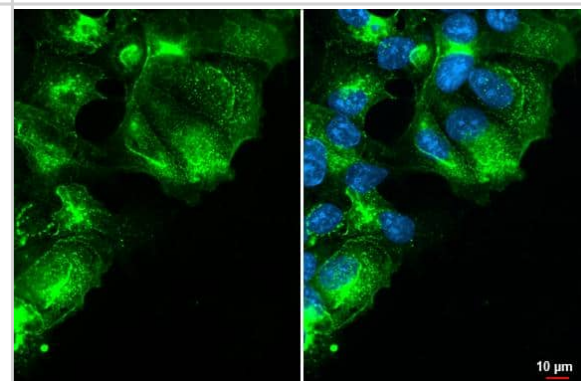


Boiled and unboiled wild-type (WT) and GPRC5A/RAI3 knockout (KO) MCF-7 cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membranes were blotted with GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:5000 and competitor's antibody (Competitor) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

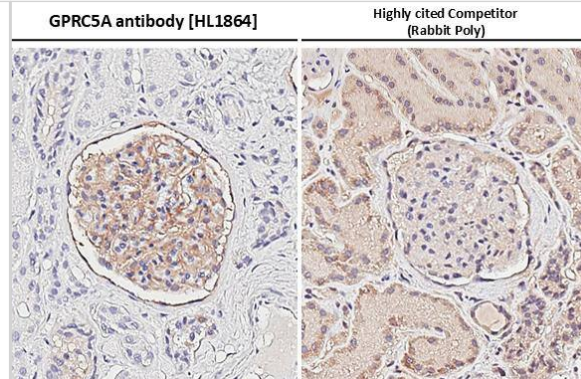
\*The competitor is not affiliated with and does not endorse this product.



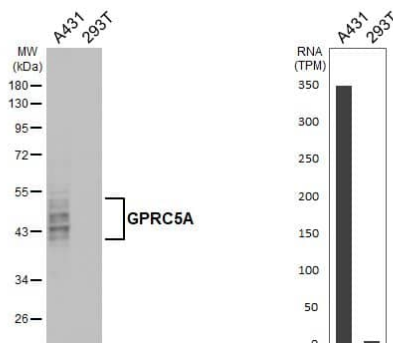
GPRC5A/RAI3 antibody [HL1864] detects GPRC5A/RAI3 protein at cell membrane by immunofluorescent analysis. Sample: MCF-7 cells were fixed in ice-cold MeOH for 5 min. Green: GPRC5A/RAI3 stained by GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:500. Blue: Fluoroshield with DAPI .



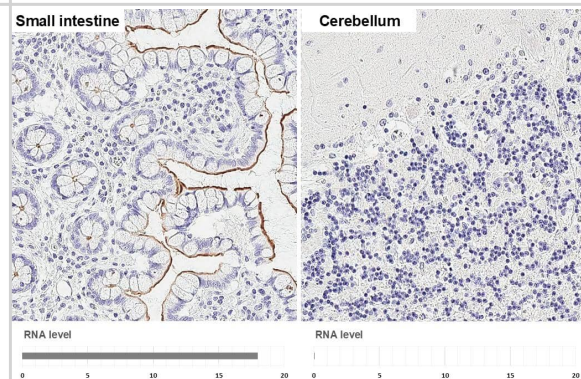
GPRC5A/RAI3 antibody [HL1864] detects GPRC5A/RAI3 protein by immunohistochemical analysis. Sample: Paraffin-embedded human kidney. GPRC5A/RAI3 stained by GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:100 and highly cited competitor's antibody diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min  
\*Competitor's antibody is not affiliated with and does not endorse this product.



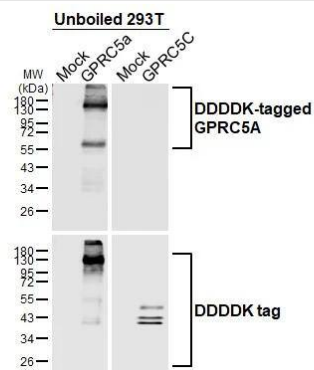
Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



GPRC5A/RAI3 antibody [HL1864] detects GPRC5A/RAI3 protein by immunohistochemical analysis. Sample: Paraffin-embedded human tissues. GPRC5A/RAI3 stained by GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Unboiled non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GPRC5A/RAI3 antibody [HL1864] (NBP3-25620) diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.





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### **Products Related to NBP3-25620**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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