

# Product Datasheet

## Activin RIB/ALK-4 Antibody (3U6I8) NBP3-16106-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-16106-100ul**

Activin RIB/ALK-4 Antibody (3U6I8)

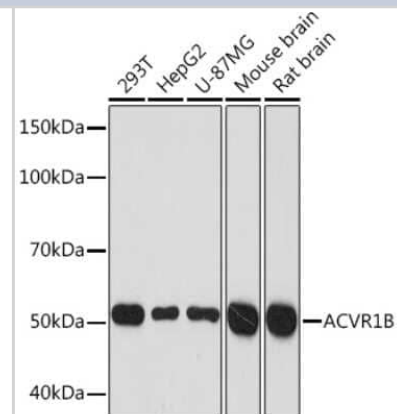
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3U6I8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
Description	Novus Biologicals Rabbit Activin RIB/ALK-4 Antibody (3U6I8) (NBP3-16106) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	91
Gene Symbol	ACVR1B
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Activin RIB/ALK-4 (P36896). MAESAGASSFFPLVVLLLAGSGGSGPRGVQALLCACTSC LQANYTCETDGAC MVSIFNLDGMEHHVRTCIPKVELVPAGKPFYCLSSDLRNTHCCYTDY

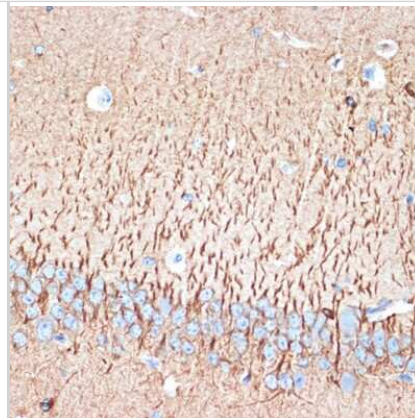
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

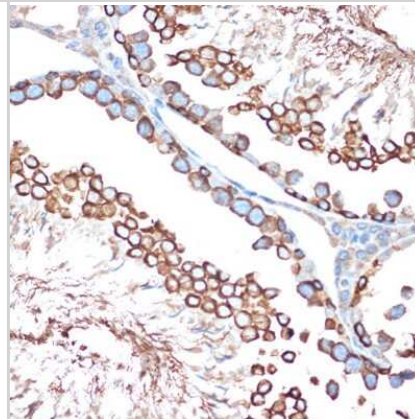
Western Blot: Activin RIB/ALK-4 Antibody (3U6I8) [NBP3-16106] - Western blot analysis of extracts of various cell lines, using Activin RIB/ALK-4 Rabbit mAb (NBP3-16106) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



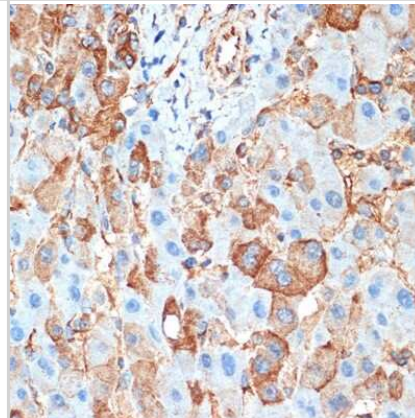
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Immunohistochemistry of paraffin-embedded mouse brain using Activin RIB/ALK-4 Rabbit mAb (NBP3-16106) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



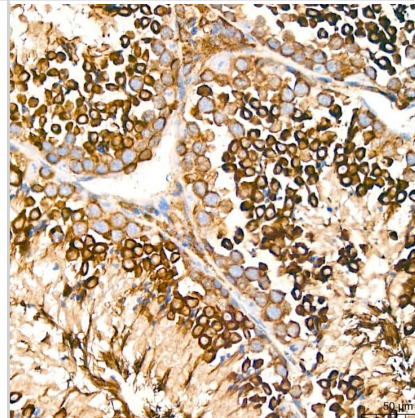
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Immunohistochemistry of paraffin-embedded rat testis using Activin RIB/ALK-4 Rabbit mAb (NBP3-16106) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



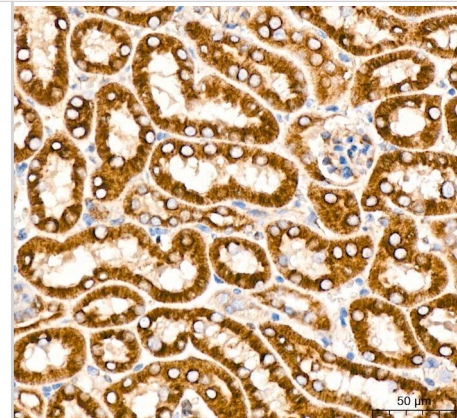
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Immunohistochemistry of paraffin-embedded human liver using Activin RIB/ALK-4 Rabbit mAb (NBP3-16106) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



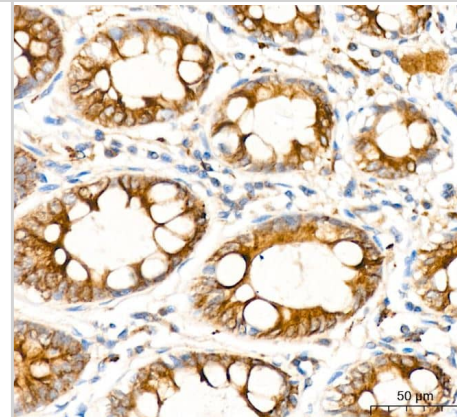
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Mouse testis tissue using ACVR1B Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



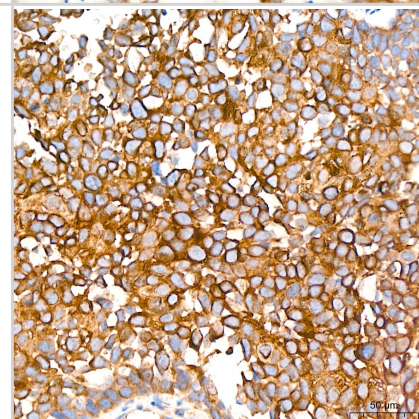
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Mouse kidney tissue using ACVR1B Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



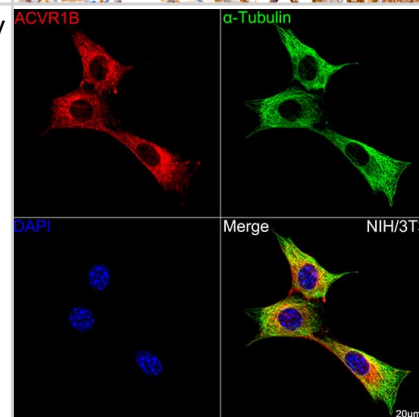
Immunohistochemistry-Paraffin: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Human colon tissue using ACVR1B Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Immunohistochemistry analysis of paraffin-embedded Human cervix cancer tissue using Activin RIB/ALK-4 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunocytochemistry/ Immunofluorescence: Activin RIB/ALK-4 Antibody (3U618) [NBP3-16106] - Confocal imaging of NIH/3T3 cells using Activin RIB/ALK-4 Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L). The cells were counterstained with alpha-Tubulin Mouse mAb followed by incubation with ABflo(R) 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.





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### **Products Related to NBP3-16106-100ul**

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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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