

# Product Datasheet

## ERp57/PDIA3 Antibody NBP2-16369

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-16369**

ERp57/PDIA3 Antibody

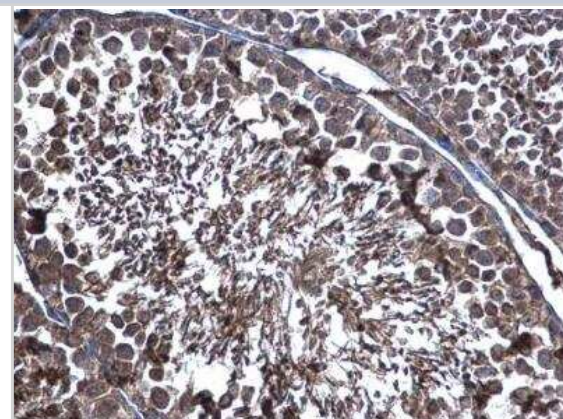
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Target Molecular Weight</b>	57 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit ERp57/PDIA3 Antibody (NBP2-16369) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2923
<b>Gene Symbol</b>	PDIA3
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Chicken (80%).
<b>Marker</b>	Endoplasmic Reticulum Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human ERp57/PDIA3. The exact sequence is proprietary.

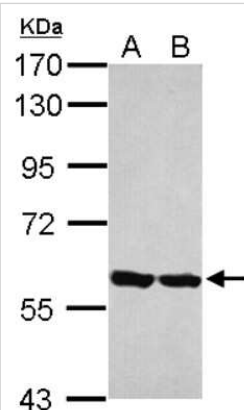
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

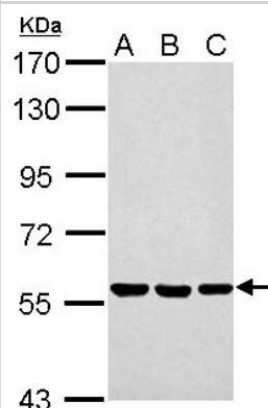
Immunohistochemistry-Paraffin: ERp57/PDIA3 Antibody [NBP2-16369] - Mouse testis. ERp57 antibody diluted at 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



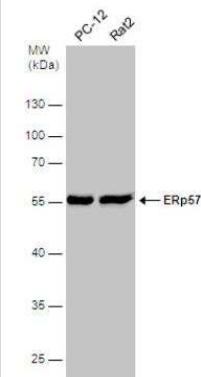
Western Blot: ERp57 Antibody [NBP2-16369] - Sample (30 ug of whole cell lysate) A: HepG2 B: HCT116 7. 5% SDS PAGE gel, diluted at 1:10000.



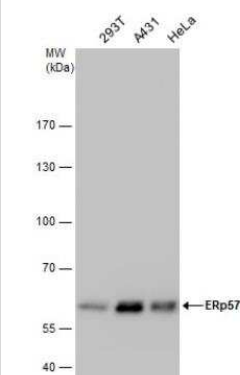
Western Blot: ERp57 Antibody [NBP2-16369] - Sample (30 ug of whole cell lysate) A: Neuro2A B: GL261 C: C8D30 7. 5% SDS PAGE gel, diluted at 1:1000.



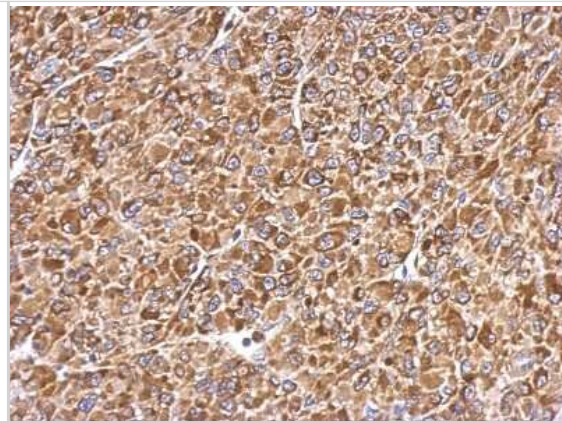
Western Blot: ERp57/PDIA3 Antibody [NBP2-16369] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ERp57 antibody diluted at 1:500.



Western Blot: ERp57/PDIA3 Antibody [NBP2-16369] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ERp57 antibody diluted by 1:10000.



Immunohistochemistry-Paraffin: ERp57/PDIA3 Antibody [NBP2-16369] - U87 xenograft, using ERp57 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



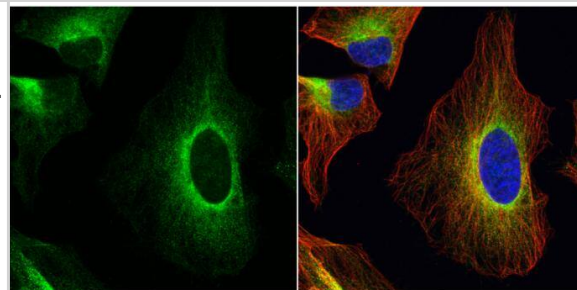
ERp57 antibody detects ERp57 protein at endoplasmic reticulum by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ERp57 protein stained by ERp57 antibody (NBP2-16369) diluted at 1:1000.

Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000.

Blue: Hoechst 33342 staining.





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### **Products Related to NBP2-16369**

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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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