

# Product Datasheet

## ERp72 Antibody NBP2-16371

Unit Size: 0.1 ml

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

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**NBP2-16371**

ERp72 Antibody

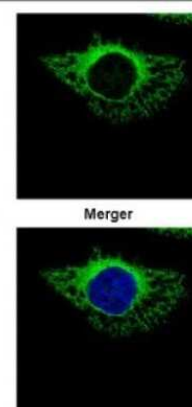
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	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>	73 kDa

Product Description	
<b>Description</b>	Novus Biologicals Knockout (KO) Validated Rabbit ERp72 Antibody (NBP2-16371) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9601
<b>Gene Symbol</b>	PDIA4
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Chicken (82%), Bovine (88%).
<b>Marker</b>	Endoplasmic Reticulum Marker
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human ERp72. The exact sequence is proprietary.

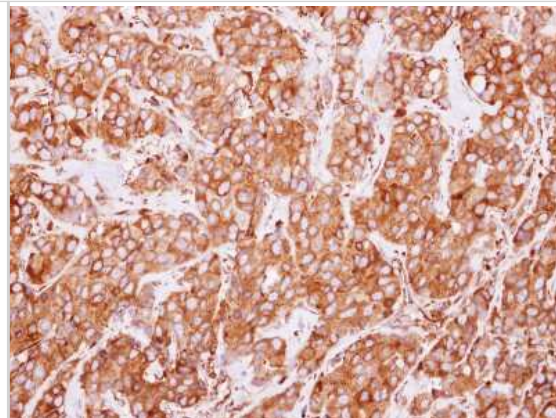
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

**Images**

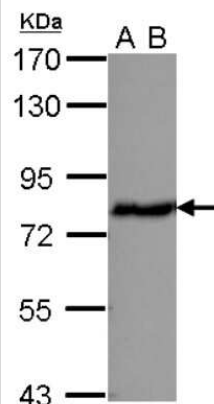
Immunocytochemistry/Immunofluorescence: ERp72 Antibody [NBP2-16371] - Confocal immunofluorescence analysis of methanol-fixed HeLa, using ERP72 antibody (Green) at 1:500 dilution.



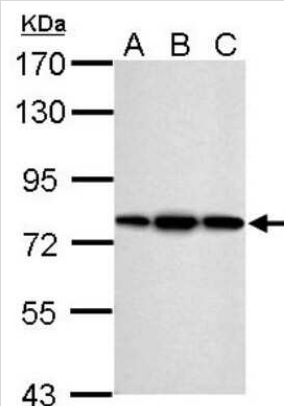
Immunohistochemistry-Paraffin: ERp72 Antibody [NBP2-16371] - Immunohistochemical analysis of paraffin-embedded Breast ca, using antibody at 1:500 dilution.



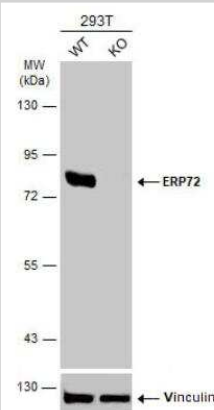
Western Blot: ERp72 Antibody [NBP2-16371] - Sample (30 ug of whole cell lysate) A: 293T B: A431 7. 5% SDS PAGE gel, diluted at 1:1000.



Western Blot: ERp72 Antibody [NBP2-16371] - Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 7. 5% SDS PAGE gel, diluted at 1:10000.



Western Blot: ERp72 Antibody [NBP2-16371] - Wild-type (WT) and ERP72 knockout (KO) 293T cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with ERp72 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody





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### **Products Related to NBP2-16371**

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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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