

# Product Datasheet

## ERp57/PDIA3 Antibody (CL2444) NBP3-52458

Unit Size: 100 ug

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

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**NBP3-52458**

ERp57/PDIA3 Antibody (CL2444)

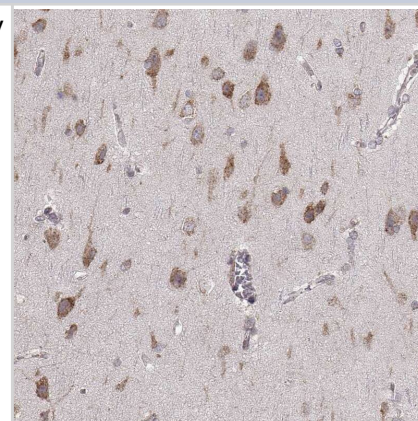
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2444
Preservative	0.02% Sodium Azide
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	2923
Gene Symbol	PDIA3
Species	Human
Immunogen	This antibody was developed using a recombinant protein derived from G5EA52, with the exact immunogen sequence remaining proprietary.

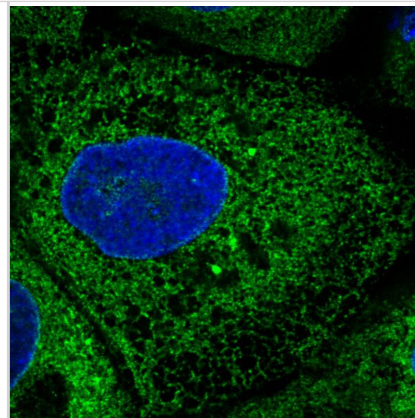
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:20000 - 1:50000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20000 - 1:50000
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

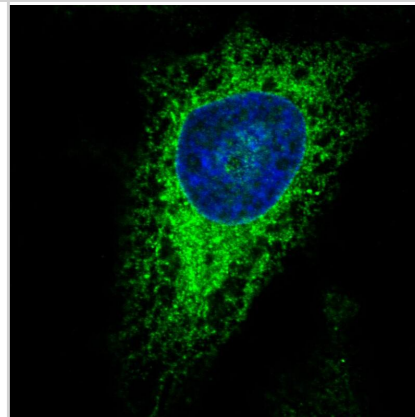
Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



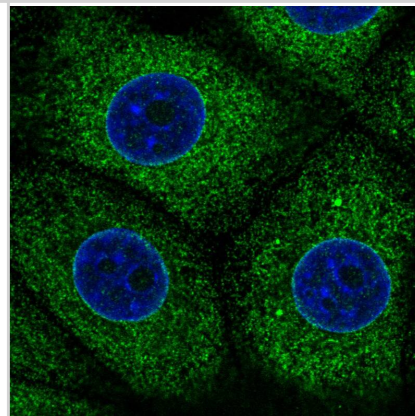
Staining in A431 cell line showing specific staining of endoplasmic reticulum in green. Microtubule and nuclear probes are visualized in red and blue respectively (where available).



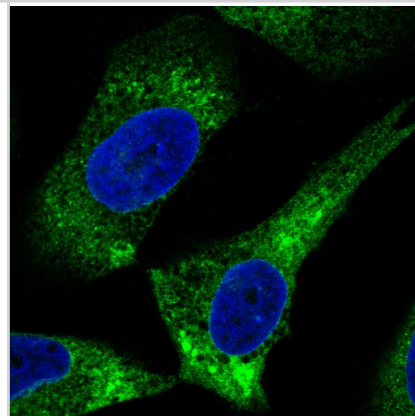
Staining in HeLa cell line showing specific staining of endoplasmic reticulum in green. Microtubule and nuclear probes are visualized in red and blue respectively (where available).



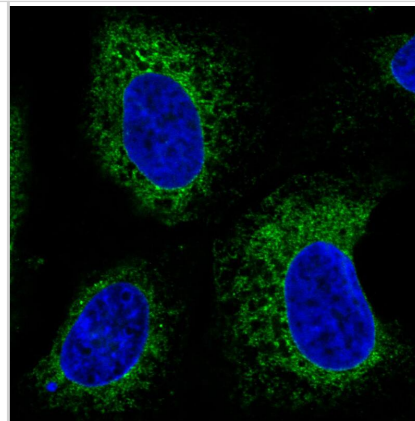
Staining in MCF7 cell line showing specific staining of endoplasmic reticulum in green. Microtubule and nuclear probes are visualized in red and blue respectively (where available).



Staining in U251 cell line showing specific staining of endoplasmic reticulum in green. Microtubule and nuclear probes are visualized in red and blue respectively (where available).



Staining in U2OS cell line showing specific staining of endoplasmic reticulum in green. Microtubule and nuclear probes are visualized in red and blue respectively (where available).





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### **Products Related to NBP3-52458**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-52140-0.02mg	Recombinant Human ERp57/PDIA3 His Protein

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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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