

PDIA4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14224a

Specification

PDIA4 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	P13667
Other Accession	NP_004902.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	72932
Antigen Region	9-37

PDIA4 Antibody (N-term) - Additional Information

Gene ID 9601

Other Names

Protein disulfide-isomerase A4, Endoplasmic reticulum resident protein 70, ER protein 70, ERp70, Endoplasmic reticulum resident protein 72, ER protein 72, ERp-72, ERp72, PDIA4, ERP70, ERP72

Target/Specificity

This PDIA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human PDIA4.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PDIA4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDIA4 Antibody (N-term) - Protein Information

Name PDIA4

Synonyms ERP70, ERP72

Cellular Location

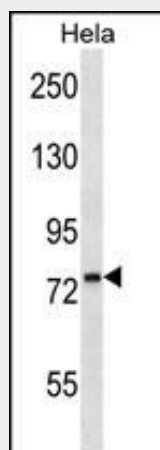
Endoplasmic reticulum lumen. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065)

PDIA4 Antibody (N-term) - Protocols

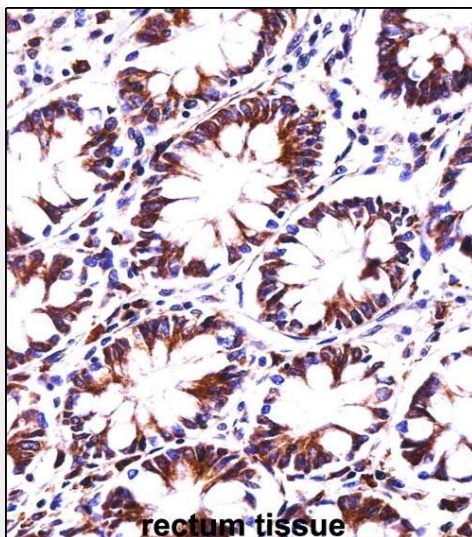
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PDIA4 Antibody (N-term) - Images



PDIA4 Antibody (N-term) (Cat. #AP14224a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the PDIA4 antibody detected the PDIA4 protein (arrow).



PDIA4 Antibody (N-term) (AP14224a) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PDIA4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PDIA4 Antibody (N-term) - Background

The function of this protein remains unknown.

PDIA4 Antibody (N-term) - References

Wheeler, H.E., et al. PLoS Genet. 5 (10), E1000685 (2009) :
Chen, W., et al. Biochem. J. 416(1):55-63(2008)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Chi, A., et al. J. Proteome Res. 5(11):3135-3144(2006)
Basrur, V., et al. J. Proteome Res. 2(1):69-79(2003)