

PDIA4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP14224a

Product Information

Application	WB, IHC-P, E
Primary Accession	P13667
Other Accession	NP_004902.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB34210
Calculated MW	72932
Antigen Region	9-37

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	WB~~1:1000 IHC-P~~1:100~500 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.

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)

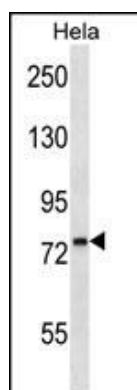
Background

The function of this protein remains unknown.

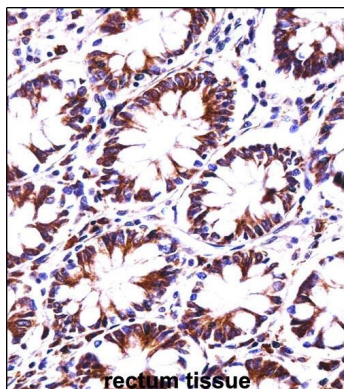
References

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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)
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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.