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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)

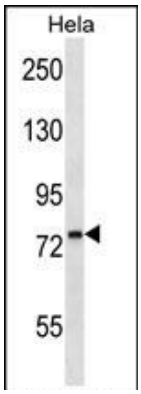
Background

The function of this protein remains unknown.

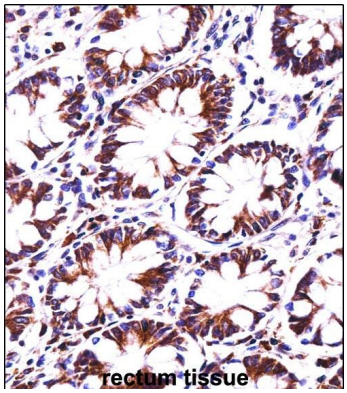
References

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Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
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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'.