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anti-PDIA2 antibody (Internal Region)

3 Images



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Overview

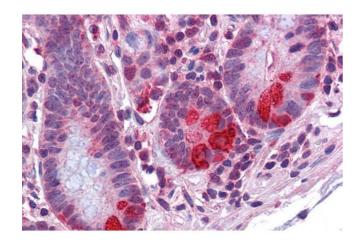
Quantity:	100 μg
Target:	PDIA2
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PDIA2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	PDIA2 / PDIP
Immunogen:	Peptide with sequence C-NLETTKKYAPVD, from the internal region of the protein sequence according to NP_006840.2.
Sequence:	NLETTKKYAP VD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

rarget Details	
Target:	PDIA2
Alternative Name:	PDIA2 (PDIA2 Products)
Background:	PDIA2, PDIP, protein disulfide isomerase family A, member 2 , LA16c-314G4.2, PDA2, PDI, PDIR
	Rho GDP dissociation inhibitor gamma, pancreatic protein disulfide isomerase, protein disulfide
	isomerase, pancreatic, protein disulfide isomerase-associated 2
Gene ID:	64714, 69191
NCBI Accession:	NP_006840
Pathways:	Maintenance of Protein Location, Cell RedoxHomeostasis, Unfolded Protein Response
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine and Heart. Recommended
	concentration: 3.75 μg/mL.
	Western Blot: Approx 60 kDa band observed in Human Pancreas lysates (calculated MW of
	$58.2~\text{kDa}$ according to NP_006840.2). Recommended concentration: 0.01-0.03 $\mu\text{g/mL}.$ Primary
	incubation was 1 hour.
	Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.



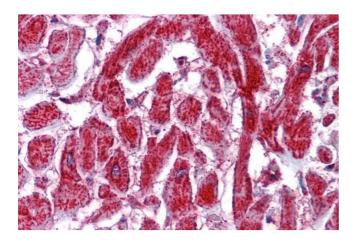
Immunohistochemistry

Image 1. ABIN190821 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

10kDa

Image 2. ABIN190821 (0.03μg/ml) staining of Human Pancreas lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blotting

Image 3. ABIN190821 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.