

PDIA2 polyclonal antibody

Catalog # PAB12587

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against full length native PDIA2.
Immunogen	Native purified PDIA2.
Host	Rabbit
Reactivity	Bovine, Human, Mouse, Primates, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against P4HB.
Recommend Usage	Immunocytochemistry (1:5000-1:20000) Immunohistochemistry (Frozen sections) (1:100-1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:500) Immunoprecipitation (1-3 ug) Western Blot (1:10000-1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)
- Immunocytochemistry

- Immunoprecipitation

Gene Info — PDIA2

Entrez GeneID	64714
Gene Name	PDIA2
Gene Alias	PDA2, PDI, PDIP, PDIR
Gene Description	protein disulfide isomerase family A, member 2
Omim ID	608012
Gene Ontology	Hyperlink
Gene Summary	Protein disulfide isomerases (EC 5.3.4.1), such as PDIP, are endoplasmic reticulum (ER) resident proteins that catalyze protein folding and thiol-disulfide interchange reactions (Desilva et al., 1996 [PubMed 8561901]).[supplied by OMIM]
Other Designations	Rho GDP dissociation inhibitor gamma pancreatic protein disulfide isomerase protein disulfide isomerase, pancreatic protein disulfide isomerase-associated 2

Publication Reference

- [Reducing Pericyte-Derived Scarring Promotes Recovery after Spinal Cord Injury.](#)
Dias DO, Kim H, Holl D, Werne Solnestam B, Lundeberg J, Carlén M, Göritz C, Frisén J.
Cell 2018 Mar; 173(1):153.

Application: WB, Mouse, Dorsal tissue
- [Mutation in the DC-SIGN cytoplasmic triacidic cluster motif markedly attenuates receptor activity for phagocytosis and endocytosis of mannose-containing ligands by human myeloid cells.](#)
Azad AK, Torrelles JB, Schlesinger LS.
Journal of Leukocyte Biology 2008 Dec; 84(6):1594.
- [Acinus is a caspase-3-activated protein required for apoptotic chromatin condensation.](#)
Sahara S, Aoto M, Eguchi Y, Imamoto N, Yoneda Y, Tsujimoto Y.
Nature 1999 Sep; 401(6749):168.

- [Characterization of a N-bromoacetyl-L-thyroxine affinity-labeled 55-kilodalton protein as protein disulfide isomerase in cultured glial cells.](#)

Safran M, Leonard JL.

Endocrinology 1991 Oct; 129(4):2011.

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