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PDIA2 (aa477-481) Antibody (internal region, near C-Term)

Peptide-affinity purified goat antibody
Catalog # AF3525a

Specification

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - Product Information

Application	**WB, IHC**
Primary Accession	Q13087
Other Accession	NP_006840.2, 64714, 69191 (mouse), 287164 (rat)
Reactivity	**Human, Rat**
Predicted	**Mouse**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**58206**

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - Additional Information

Gene ID 64714

Other Names
Protein disulfide-isomerase A2, 5.3.4.1, Pancreas-specific protein disulfide isomerase, PDIp, PDIA2, PDIP

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PDIA2 (aa477-481) Antibody (internal region, near C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - Protein Information

Name PDIA2

Synonyms PDIP

Function
Acts as an intracellular estrogen-binding protein. May be involved in modulating cellular levels and biological functions of estrogens in the pancreas. May act as a chaperone that inhibits aggregation of misfolded proteins.

Cellular Location
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138}

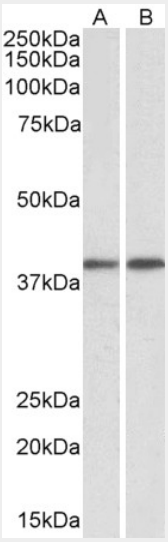
Tissue Location
Highly expressed in pancreas (at protein level).

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - Protocols

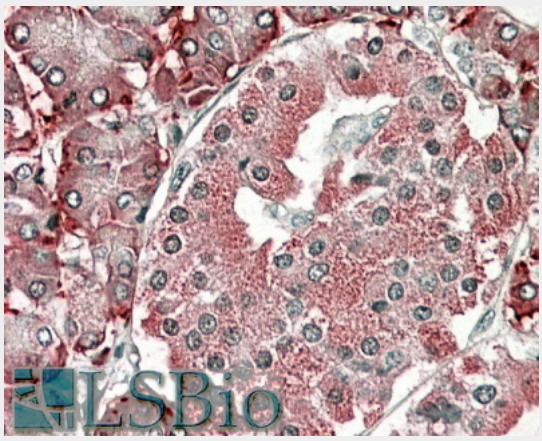
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - Images



AF3525a (0.1 µg/ml) staining of Human (A), Mouse (B) and Rat (C) Pancreas lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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AF3525a (3.8 µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

PDIA2 (aa477-481) Antibody (internal region, near C-Term) - References

Protein disulfide isomerase-immunopositive inclusions in patients with Alzheimer disease. Honjo Y, Ito H, Horibe T, Takahashi R, Kawakami K. Brain Res. 2010 Aug 19;1349:90-6. PMID: 20550946