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Research Use Only. Not for diagnostic or therapeutic use.

EB07722 - Goat Anti-PDIA2 / PDIP Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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
Official Symbol: PDIA2

Accession Number(s): NP_006840.2

Human GeneID(s): 64714

Non-Human GenelD(s): 69191 (mouse)

Immunogen

Peptide with sequence C-NLETTKKYAPVD, from the internal region of the protein sequence according to NP_006840.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 60kDa band observed in Human Pancreas lysates (calculated MW of 58.2kDa according to NP_006840.2). Recommended concentration: 0.01-0.03μg/ml. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Small Intestine and Heart. Recommended concentration: 3.75µg/ml.

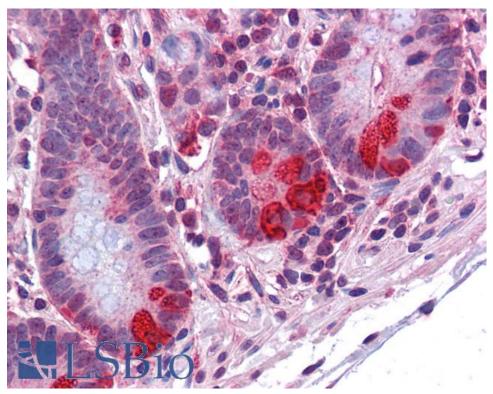
Species Reactivity

Tested: Human

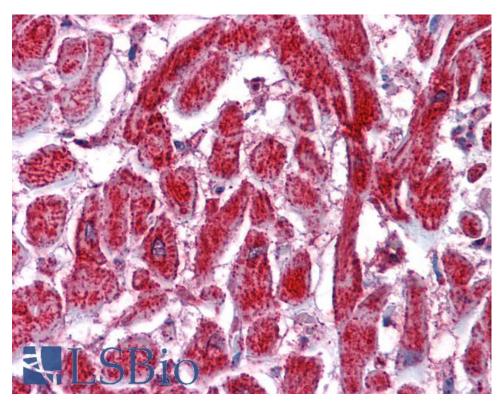
Expected from sequence similarity: Human, Mouse, Rat

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

EB07722 (0.03µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



 $EB07722~(3.75 \mu g/ml)~staining~of~paraffin~embedded~Human~Small~Intestine.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$



EB07722 (3.75 μ g/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.