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# 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.

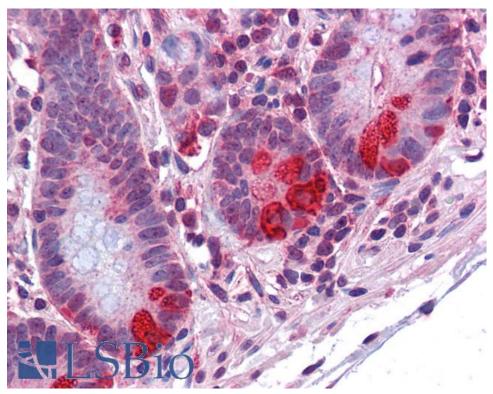
### **Species Reactivity**

Tested: Human

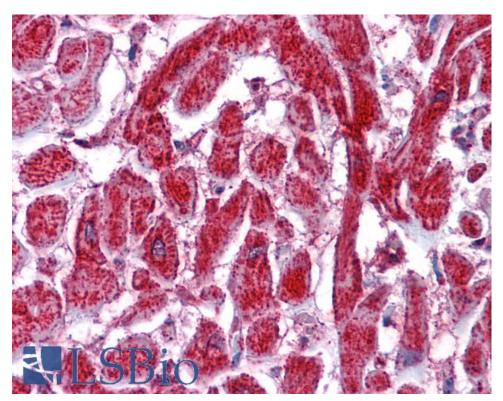
Expected from sequence similarity: Human, Mouse, Rat

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

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



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



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