

## UK Office

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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 GeneID(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.

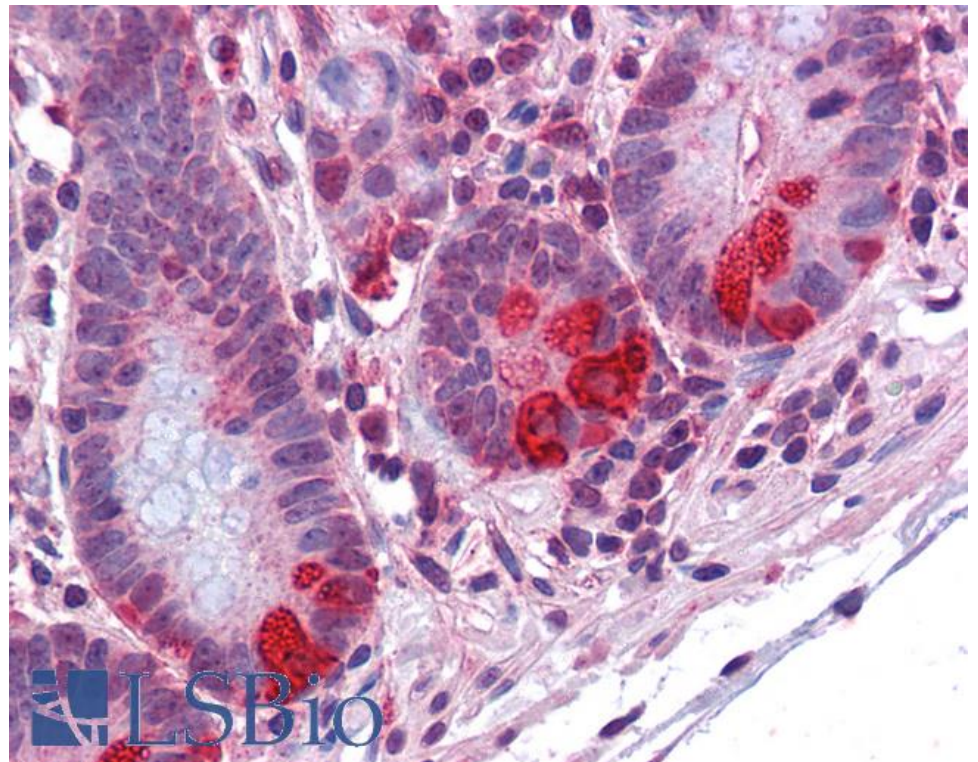
### Species Reactivity

**Tested:** Human

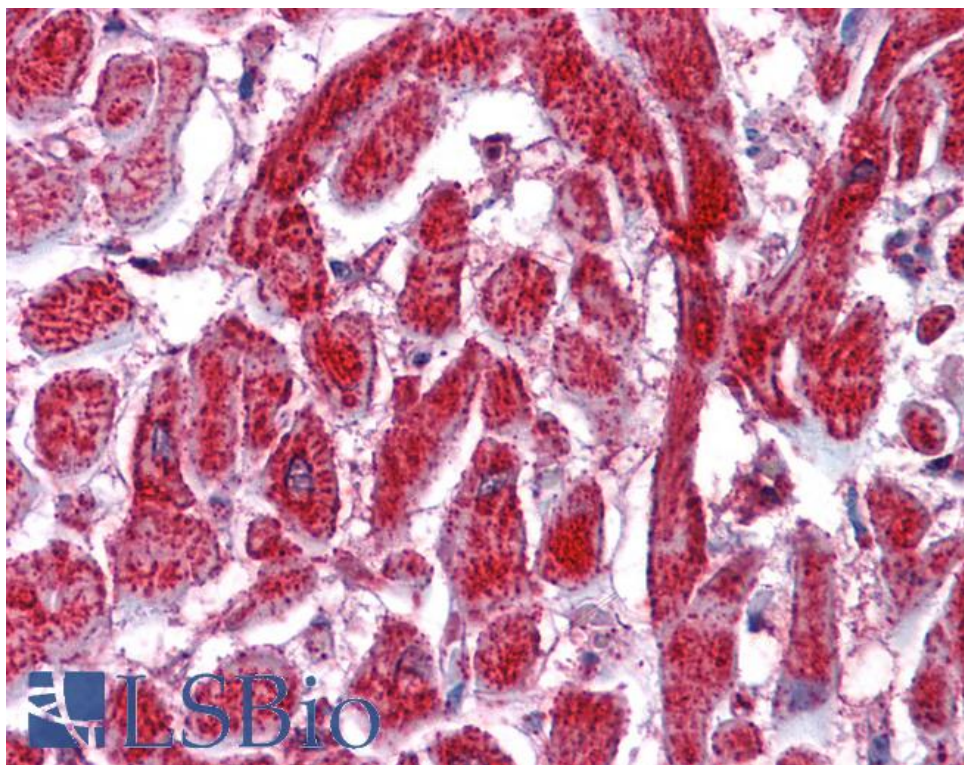
**Expected from sequence similarity:** Human, Mouse, Rat



EB07722 (0.03 $\mu$ g/ml) staining of Human Pancreas lysate (35 $\mu$ g 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 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.