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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09018 - Goat Anti-PRDX1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PRDX1, peroxiredoxin 1, MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2, natural killer-enhancing factor A, proliferation-associated gene A, thioredoxin-dependent peroxide reductase 2

Official Symbol: PRDX1

Accession Number(s): NP_859048.1

Human GeneID(s): [5052](#)

Non-Human GeneID(s): 18477 (mouse), 117254 (rat)

Important Comments: Reported variants represent identical protein (NP_002565.1, NP_859047.1, NP_859048.1).

Immunogen

Peptide with sequence C-SDPKRTIAQDYG, from the internal region of the protein sequence according to NP_859048.1.

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 1:8000.

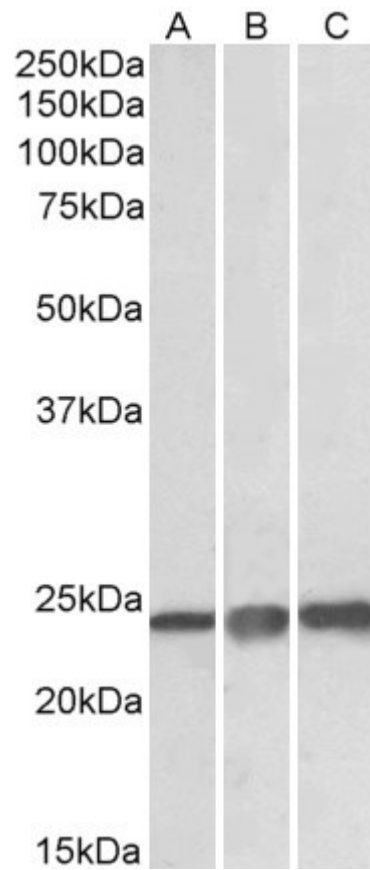
Western blot: Approx 24kDa band observed in lysates of cell line HEK293, A431 and HepG2 (calculated MW of 22.1kDa according to NP_859048.1). Recommended concentration: 0.1-0.3µg/ml.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 2.5µg/ml.

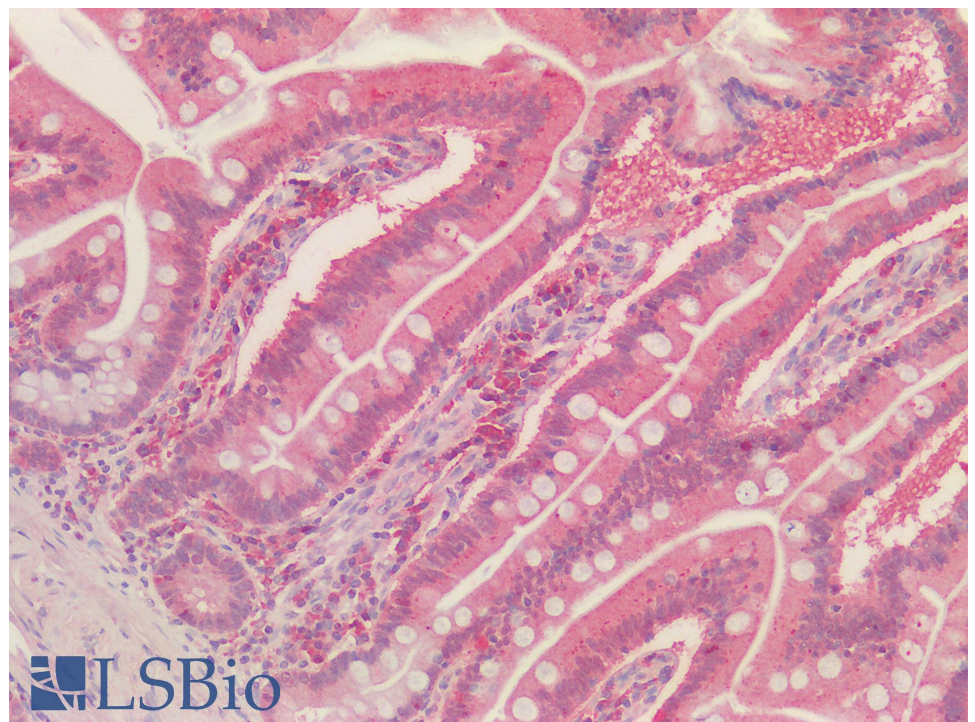
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB09018 (0.1µg/ml) staining lysate of cell line HEK293 (A), A431 (B) and HepG2 (C) (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB09018 (2.5µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.