

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 GenelD(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

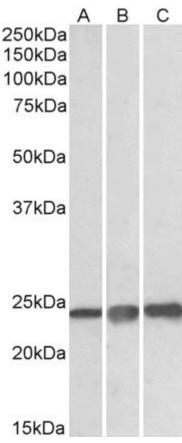
concentration: 0.1-0.3µg/ml.

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

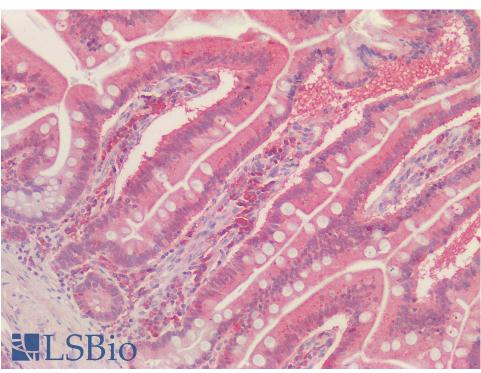
Species Reactivity

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.