

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.

EB10825 - Goat Anti-SON Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SON, SON DNA binding protein, BASS1, C21orf50, DBP-5, FLJ21099, FLJ33914, KIAA1019, NREBP, Bax antagonist selected in Saccharomyces 1, NRE-binding protein, OTTHUMP00000197908, OTTHUMP00000198934, negative

regulatory element-binding protein,

Official Symbol: SON

Accession Number(s): NP_115571.1; NP_620305.1

Human GeneID(s): 6651

Non-Human GenelD(s): 20658 (mouse), 304092 (rat)

Important Comments: This antibody is expected to recognize reported isoforms B (

NP_115571.1) and F (NP_620305.1).

Immunogen

Peptide with sequence KSRCVSVQTDPTD, from the N Terminus of the protein sequence according to NP_115571.1; NP_620305.1.

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 1:32000.

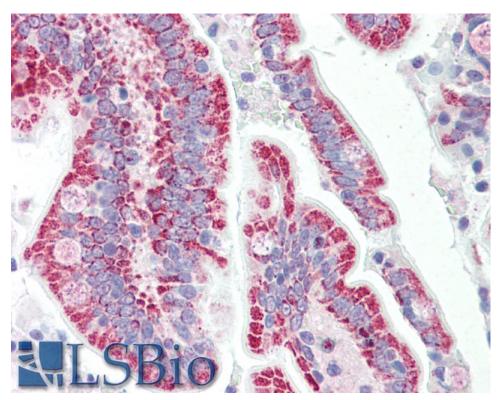
Western blot: Preliminary experiments gave an approx 35kDa band in Human, Mouse and Rat Heart lysates after 0.3μg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 250kDa according to NP_115571.1. The 35kDa band was successfully blocked by incubation with the immunizing peptide.

IHC: Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.

Species Reactivity

Tested: Human

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



EB10825 ($5\mu g/ml$) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.