

#### **International Office**

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# EB08165 - Goat Anti-LASP1 (internal region) Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: LASP1, LIM and SH3 protein 1, Lasp-1, MLN50

Official Symbol: LASP1

Accession Number(s): NP\_006139.1

Human GeneID(s): 3927

### **Immunogen**

Peptide with sequence C-PERRDSQDGSSYR, from the internal region of the protein sequence according to NP\_006139.1.

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:** Approx 36kDa band observed in Human Kidney lysates (calculated MW of 29.7kDa according to NP\_006139.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Schreiber et al, Gene. 1998 Jan 30;207(2):171-5; PMID: 9511759). Recommended concentration: 0.03-0.1μg/ml.

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

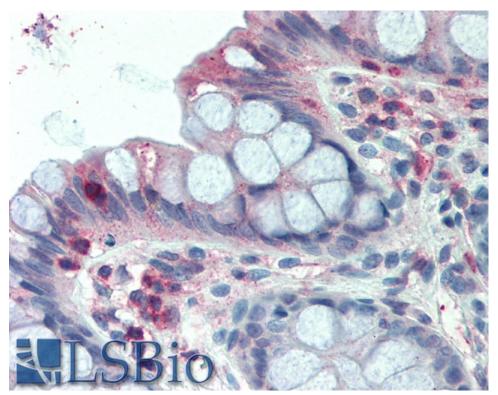
## **Species Reactivity**

Tested: Human

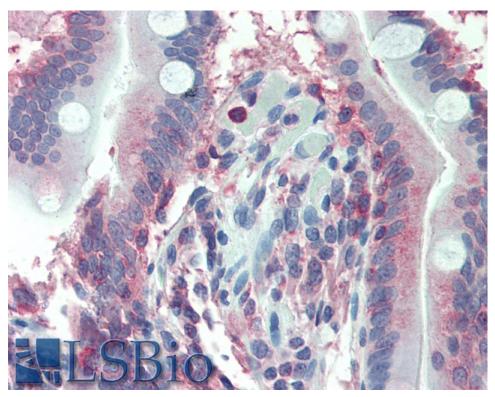
Expected from sequence similarity: Human, Dog



EB08165 ( $0.1\mu g/ml$ ) staining of Human Kidney lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB08165 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



 $EB08165~(2.5\mu g/ml)~staining~of~paraffin~embedded~Human~Small~Intestine.~Steamed~antigen~retrieval~with~citrate~buffer~pH~6,~AP-staining.$