

#### **International Office**

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# EB07434 - Goat Anti-FLAP / ALOX5AP (internal) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: ALOX5AP, FLAP, arachidonate 5-lipoxygenase-activating protein,

MK-886-binding protein, five-lipoxygenase activating protein

Official Symbol: ALOX5AP

Accession Number(s): NP\_001620.2; NP\_001191335.1

Human GeneID(s): 241

Important Comments: This antibody is expected to recognize both reported isoforms

(NP\_001620.2; NP\_001191335.1).

### **Immunogen**

Peptide with sequence C-HKVEHESRTQNGR, from the internal region of the protein sequence according to NP\_001620.2; NP\_001191335.1.

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 1:128000.

**Western blot:** Approx 16kDa band observed in lysates of U937 and of Peripheral Blood Mononucleocytes (calculated MW of 18.2kDa according to NP\_001620.2). Recommended

concentration: 0.1-0.3 $\mu$ g/ml. Primary incubation was 1 hour.

**IHC:** In paraffin embedded Human Spleen shows staining of select splenocytes. Paraffin embedded Human Lung and Small Intestine. Recommended concentration: 3.75μg/ml.

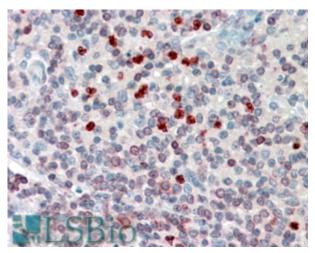
### **Species Reactivity**

Tested: Human

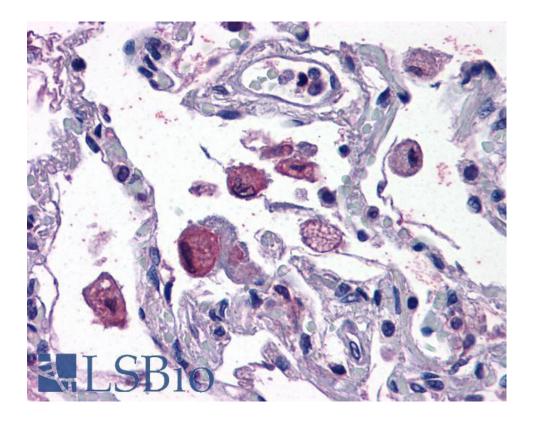
Expected from sequence similarity: Human, Dog

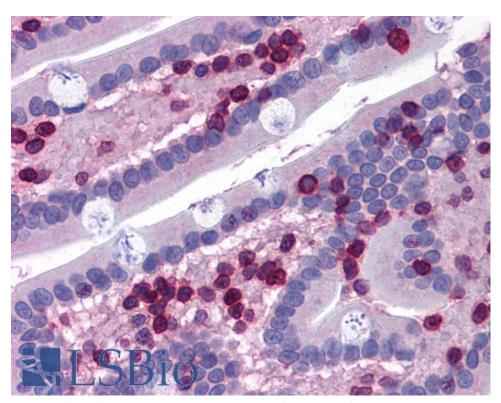
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB07434 (0.1μg/ml) staining of Human U937 cell lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB07434 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.





EB07434 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.