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# EB07571 - Goat Anti-RBP4 (Internal) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: RBP4, retinol binding protein 4, plasma, retinol-binding protein 4,

interstitial, retinol-binding protein 4, plasma

Official Symbol: RBP4

Accession Number(s): NP\_006735.2

Human GeneID(s): 5950

Non-Human GenelD(s): 19662 (mouse), 25703 (rat)

### **Immunogen**

Peptide with sequence C-DTEDPAKFKMKY, from the internal region of the protein sequence according to NP\_006735.2.

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 1:2000.

**Western blot:** Approx 23-24kDa band observed in Human Liver lysates (calculated MW of 23.0kDa according to NP\_006735.2). Recommended concentration: 0.3-1µg/ml.

## **Species Reactivity**

Tested: Human

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

### **Specific Reference**

This antibody has been successfully used in Western blot on Pig:

Lee DG, Nam J, Kim SW, Kang YM, An HJ, Kim CW, Choi JS.

Proteomic analysis of reproduction proteins involved in litter size from porcine placenta Biosci Biotechnol Biochem. 2015;79(9):1414-21.

PMID: 25921448



EB07571 (0.3 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.