

### **International Office**

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# EB06253 - Goat Anti-RANGAP1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** RANGAP1, KIAA1835, Ran GTPase activating protein 1, Fug1, MGC20266, SD, OTTHUMP00000198756, OTTHUMP00000198757, segregation

distorter homolog, segregation distortion

Official Symbol: RANGAP1

Accession Number(s): NP\_002874.1

Human GeneID(s): 5905

Non-Human GenelD(s): 19387 (mouse)

Important Comments: Please note that in mouse, there is a hypothetical protein called

"similar to RANGAP1" (XP\_139737.2) that is virtually identical.

## **Immunogen**

Peptide with sequence ASEDIAKLAETLAK-C, from the N Terminus of the protein sequence according to NP\_002874.1.

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 70kDa band observed in 3T3 lysates (predicted MW of 68kDa

according to NP\_002874). Recommended for use at 0.1-0.5µg/ml.

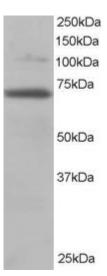
 $\textbf{IHC:} \ \ \textbf{In paraffin embedded Human Liver shows vesicular staining in the cytoplasm of} \\$ 

hepatocytes. Recommended concentration: 2-4µg/ml.

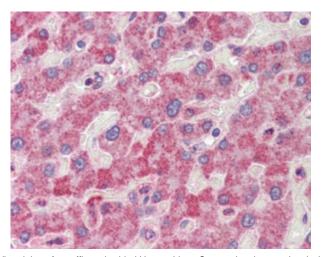
## **Species Reactivity**

Tested: Human, Mouse

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



EB06253 staining (0.2μg/ml) of 3T3 lysate (RIPA buffer, 35μg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.



EB06253 (2.5μg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.