

#### **International Office**

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# EB05001 - Goat Anti-SEC61A1 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** SEC61A1, HSEC61, SEC61, SEC61A, protein transport protein SEC61 alpha subunit isoform 1, sec61 homolog, Sec61 alpha 1 subunit (S. cerevisiae),

Sec61 alpha 1 subunit, Sec61 alpha-1

Official Symbol: SEC61A1

Accession Number(s): NP\_037468.1

Human GenelD(s): 29927

#### **Immunogen**

Peptide with sequence C-KEQSEVGSMGALLF, from the C Terminus of the protein sequence according to NP\_037468.1.

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 1:16000.

**Western blot:** Approx 48kDa band observed in Human Brain (Cerebelum) lysates (calculated MW of 52.3kDa according to NP\_037468.1). Recommended concentration: 0.3-1µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Dog, Cow, Pig

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

EB05001 (0.3 $\mu$ g/ml) staining of Human Brain (Cerebellum) lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.