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**Research Use Only. Not for
diagnostic or therapeutic use.**

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 GeneID(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 (Cerebellum) 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

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

EB05001 (3.75µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**