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

EB05870 - Goat Anti-ALS2CR3 / GRIF1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TRAK2, ALS2CR3, amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3, GRIF1, CALS-C, GRIF-1, KIAA0549, likely ortholog of rat GABA(A) receptor-associated protein (GRIF-1), trafficking protein, kinesin binding 2, OIP98

Official Symbol: TRAK2

Accession Number(s): NP_055864.2

Human GeneID(s): [66008](#)

Immunogen

Peptide with sequence CTSSPKMGVLKED, from the C Terminus of the protein sequence according to NP_055864.2.

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 1:32000.

Immunofluorescence: Strong expression of the protein seen in U2OS cells.
Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HeLa cells. Recommended concentration: 10ug/ml.

Species Reactivity

Tested: Human

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

EB05870 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

EB05870 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).