



## International Office

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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.

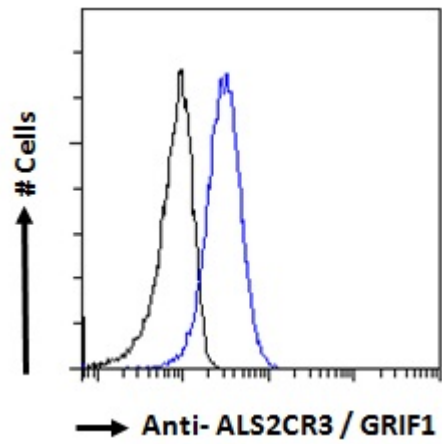
**Immunofluorescence:** Strong expression of the protein seen in U2OS cells.  
Recommended concentration: 10µg/ml.

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

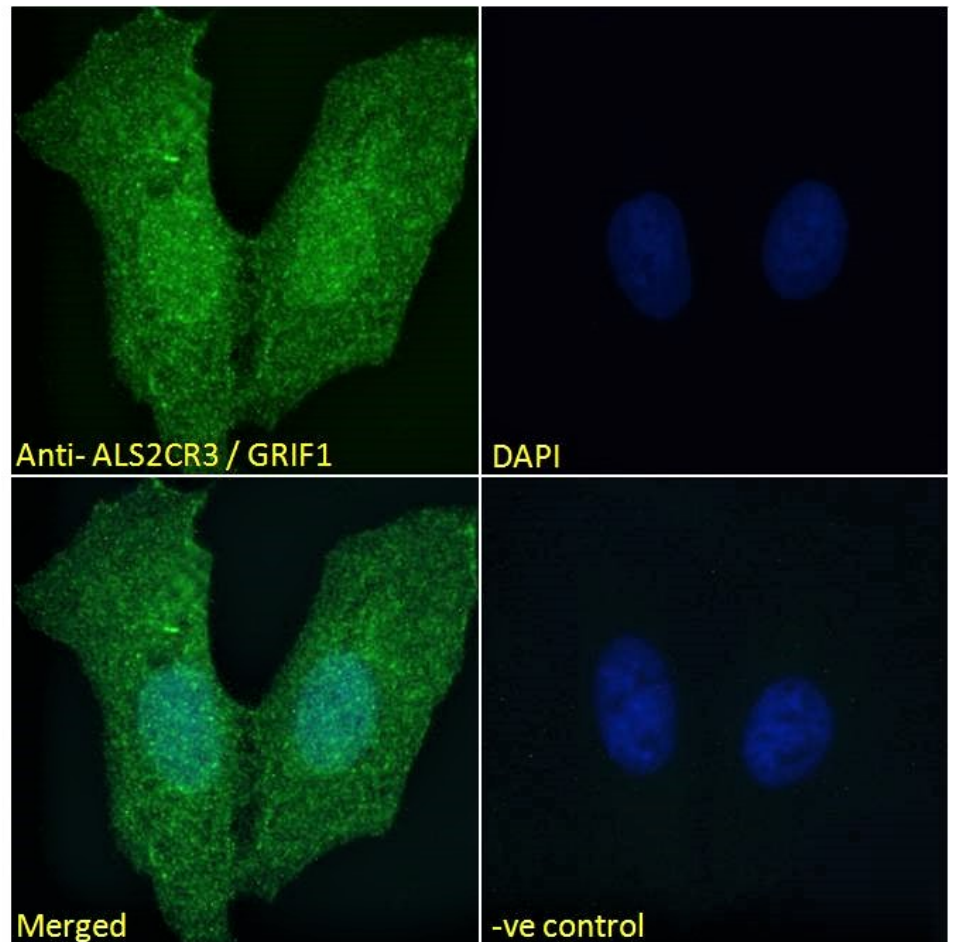
### Species Reactivity

**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).