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EB06265 - Goat Anti-TIGD1 / EEYORE Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TIGD1, EEYORE, tigger transposable element derived 1, jerky (mouse) homolog-like, hypothetical protein LOC200765, jerky homolog-like

Official Symbol: TIGD1

Accession Number(s): NP_663748.1

Human GenelD(s): 200765

Immunogen

Peptide with sequence C-PAKRVRLTEGSD, from the C Terminus of the protein sequence according to NP_663748.1.

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: Preliminary experiments gave no signal but low background in Human

Brain and Kidney extracts at up to 1µg/ml.

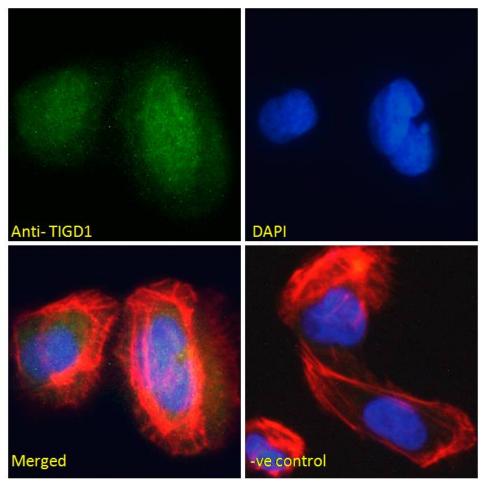
Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS cells.

Recommended concentration: 10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06265 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), showing nuclear staining. 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).