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Research Use Only. Not for diagnostic or therapeutic use.

EB06493 - Goat Anti-EHD2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EHD2, PAST2, EH-domain containing 2, EH domain containing 2,

FLJ96617

Official Symbol: EHD2

Accession Number(s): NP_055416.2

Human GeneID(s): 30846

Important Comments: This antibody is expected to recognise EHD1 protein as well as

EHD2.

Immunogen

Peptide with sequence CRLVPPSKRRHKGSA, from the C Terminus of the protein sequence according to NP_055416.2.

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 1:64000.

Western blot: Approx 70-75kDa band observed in Human Lung , Colon and Placenta lysates (calculated MW of 61.2kDa according to NP_055416.2). The observed molecular weight is observed by otherr sources. Recommended concentration: 0.1-0.3μg/ml. Primary incubation 1 hour at room temperature.

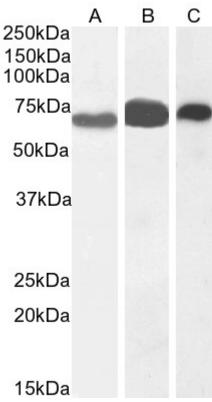
Immunofluorescence: Strong expression of the protein seen in the plasma membrane of A431 cells and the nuclei of HeLa cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

Species Reactivity

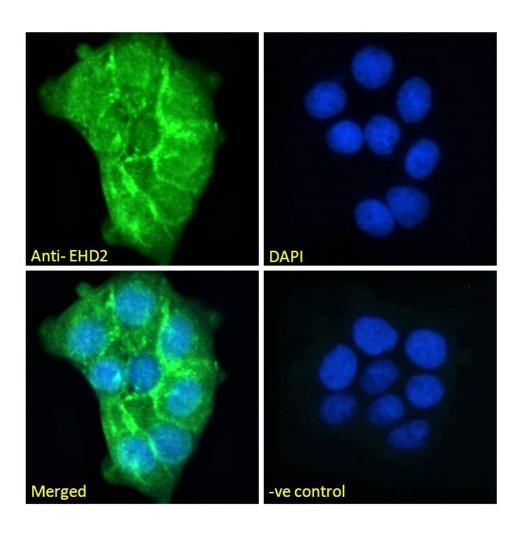
Tested: Human

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

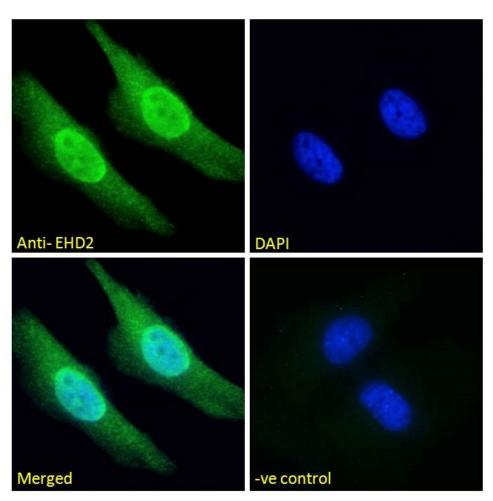


EB06493 (0.1g/ml) staining of Human Lung (A), Colon (B) and Placenta (C) lysate (35µg protein in RIPA buffer).

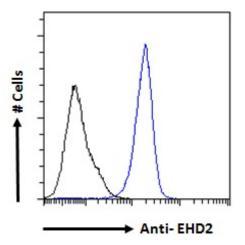
Detected by chemiluminescence.



EB06493 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06493 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06493 Flow cytometric analysis of paraformaldehyde fixed A431 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.