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

EB06135 - Goat Anti-CDEP / FARP1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FARP1, FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived), CDEP, chondrocyte-derived ezrin-like protein, RP11-111L24.1, MGC87400, PLEKH2, FERM, RhoGEF, and pleckstrin domain protein 1

Official Symbol: FARP1

Accession Number(s): NP_005757.1; NP_001001715.2; NP_001273768.1

Human GeneID(s): [10160](#)

Immunogen

Peptide with sequence GEIEQRPTPGSRL-C, from the N Terminus of the protein sequence according to NP_005757.1; NP_001001715.2; NP_001273768.1.

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 1:32000.

Western blot: Preliminary experiments showed an approx 110-120kDa band in Human Frontal Cortex lysates (calculated MW of 119kDa according to NP_005757.1).. An additional band was also consistently observed at 40kDa and was successfully blocked by incubation with the immunizing peptide. Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

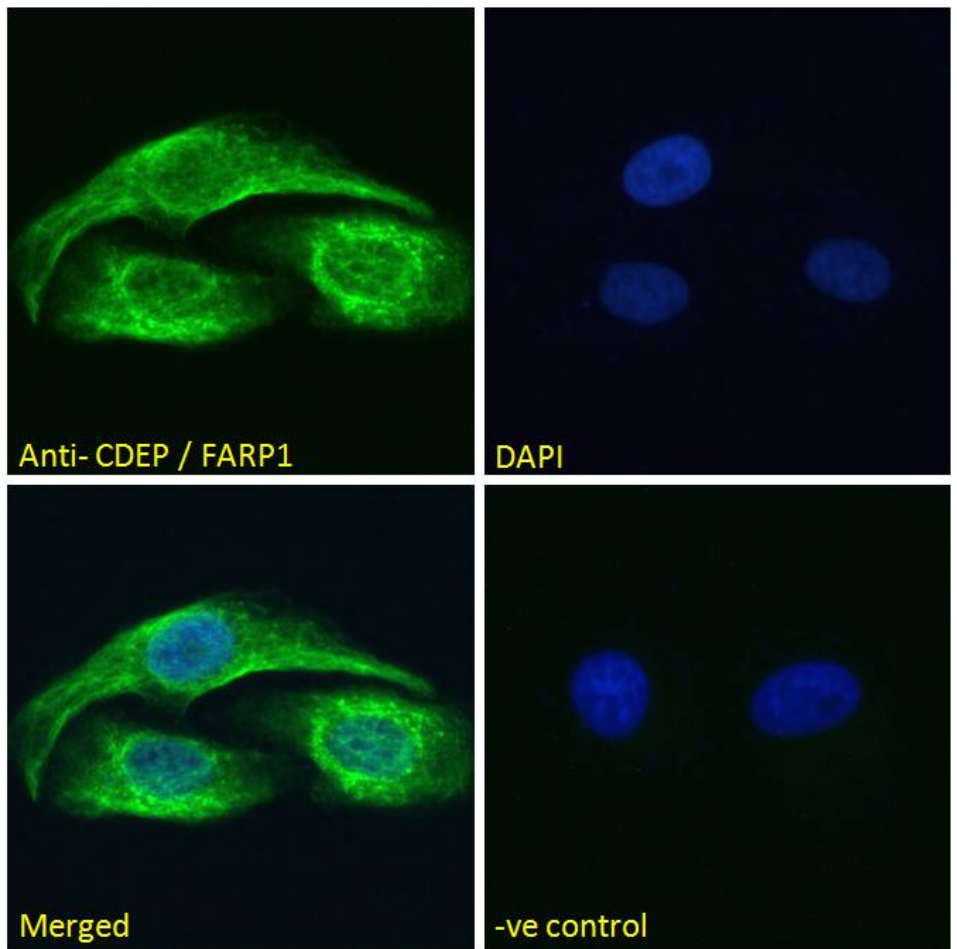
Immunofluorescence: Strong expression of the protein seen in the cytoplasm of U2OS and HeLa cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

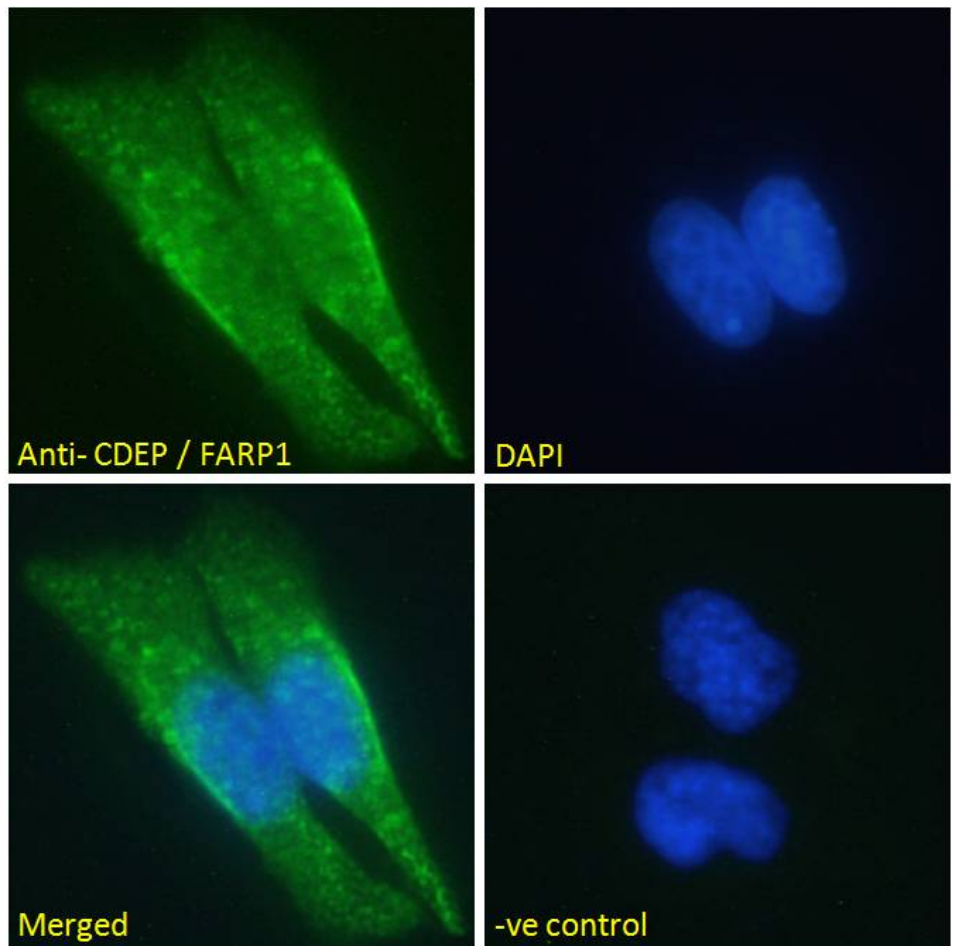
Species Reactivity

Tested: Human

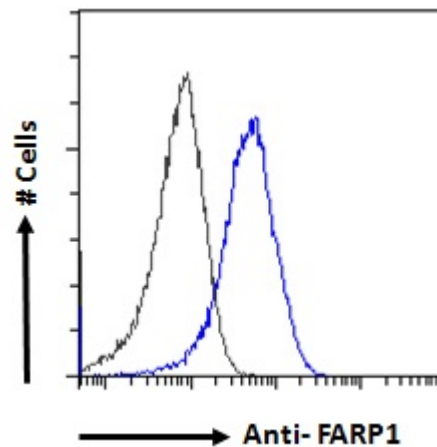
Expected from sequence similarity: Human, Mouse, Rat, Cow



EB06135 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 cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06135 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 cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB06135 Flow cytometric analysis of paraformaldehyde fixed HepG2 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.