



Datasheet for ABIN185104

anti-FARP1 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µg
Target:	FARP1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FARP1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	CDEP / FARP1
Immunogen:	Peptide with sequence GEIEQRPTPGSRL-C, from the N Terminus of the protein sequence according to NP_005757.1, NP_001001715.2.
Sequence:	GEIEQRPTPG SRL
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

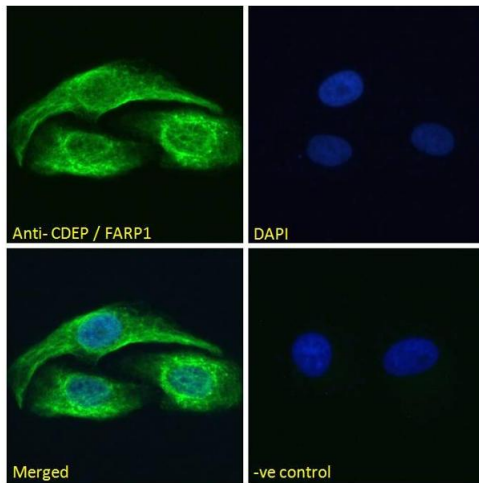
Target:	FARP1
Alternative Name:	FARP1 (FARP1 Products)
Background:	FARP1, FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived), CDEP, chondrocyte-derived ezrin-like protein, RP11-111L24.1, MGC87400, PLEKH2, FERM, RhoGEF, and pleckstrin domain protein 1
Gene ID:	10160
NCBI Accession:	NP_005757 , NP_001001715 , NP_001273768

Application Details

Application Notes:	Western Blot: Preliminary experiments showed an approx 110-120 kDa band in Human Frontal Cortex lysates (calculated MW of 119 kDa according to NP_005757.1).. An additional band was also consistently observed at 40 kDa and was successfully blocked by incubation with peptide. Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	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:
Restrictions:	For Research Use only

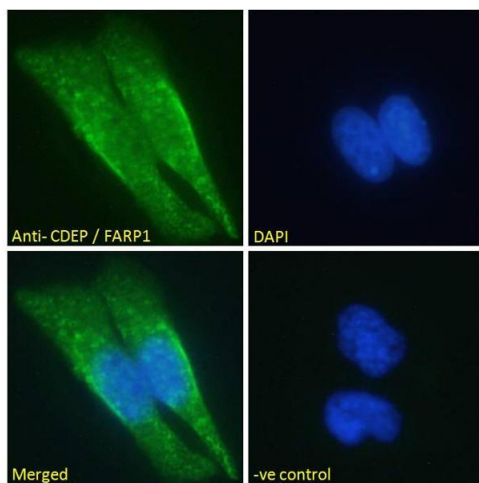
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



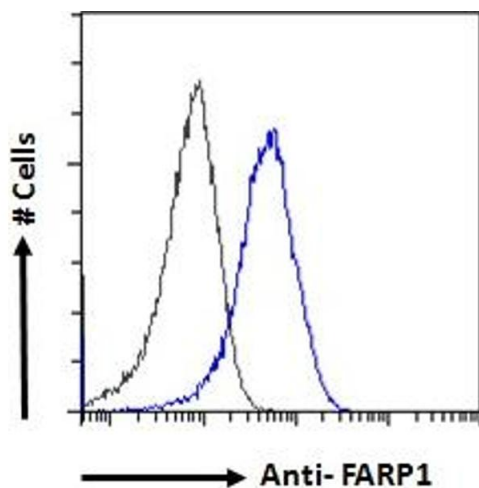
Immunofluorescence

Image 1. ABIN185104 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).



Immunofluorescence

Image 2. ABIN185104 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).



Flow Cytometry

Image 3. ABIN185104 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) fo