

Datasheet for ABIN6939120

anti-FAF1 antibody

5 Images

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Overview

Quantity:	100 µg
Target:	FAF1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant human full-length FAF1 protein
Clone:	CPTC-FAF1-2
Isotype:	IgG2b
Specificity:	<p>In contrast to growth factors which promote cell proliferation, FAS ligand (FAS-L) and the tumor necrosis factors (TNFs) rapidly induce apoptosis. Cellular response to FAS-L and TNF is mediated by structurally related receptors containing a conserved 'death domain' and belonging to the TNF receptor superfamily. TRADD, FADD and RIP are FAS/TNF-RI interacting proteins that contain a death domain homologous region (DDH). TRADD (TNF-RI-associated death domain) and FADD (FAS-associated death domain) associate with the death domains of both FAS and TNF-RI via their DDH regions, while RIP associates exclusively with FAS. An additional FAS interacting protein designated FAF1, for FAS-associated protein factor-1, binds with the cytoplasmic tail of wildtype but not LPR mutant FAS. When overexpressed in cells, FAF1 enhances the efficiency of FAS-mediated apoptosis. In contrast to TRADD, FADD and RIP, FAF1</p>

Product Details

lacks a DDH and cannot induce apoptosis independently of FAS activation.

Cross-Reactivity (Details): Human,

Purification: 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G.

Target Details

Target: FAF1

Alternative Name: FAF1 ([FAF1 Products](#))

Background: CGI-03, FAS-associated factor 1, HFAP1s, UBX domain-containing protein 12, UBX domain-containing protein 3A, Fas (TNFRSF6) associated factor 1
Cellular localisation: Nucleus.

Molecular Weight: 75-80kDa

Gene ID: 11124, 530402

UniProt: [Q9UNN5](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

Application Notes: Positive Control: HEK293, MCF-7, HeLa whole cell lysate. Human testis, prostate, breast carcinoma or colon carcinoma.
Known Application: Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.

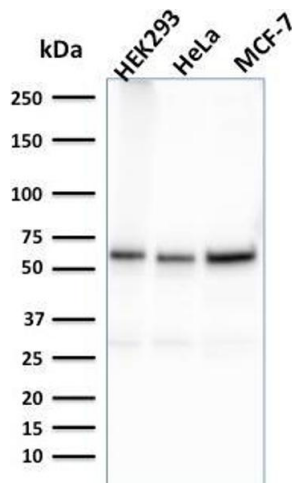
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

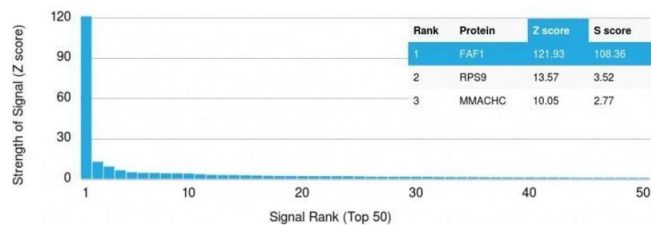
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.
Expiry Date:	24 months

Images



Western Blotting

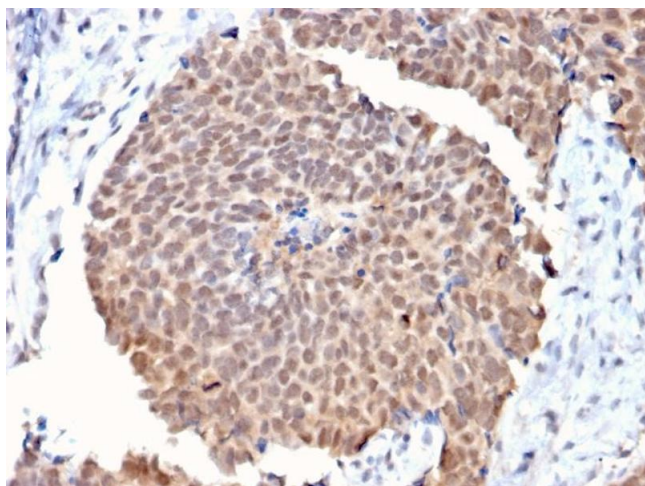
Image 1. Western Blot Analysis of HEK293, HeLa, MCF-7 cell lysates using Purified FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2).



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using Fas (TNFRSF6) associated factor 1 Monoclonal Antibody (CPTC-FAF1-2). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score

for the binding of that MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Breast Cancer stained with FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6939120.