

Datasheet for ABIN6937211 **anti-FAF1 antibody**



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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 kappa
Specificity:	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

Product Details

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

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: FAF1

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

Background: CGI-03, FAS-associated factor 1, HFAF1s, 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: 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.
Positive_Control: HEK293, MCF-7, HeLa whole cell lysate. Human testis, prostate, breast carcinoma or colon carcinoma.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date: 24 months