

Rabbit FAF2 Polyclonal Antibody | anti-FAF2 antibody

FAF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323026	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

FAF2; Polyclonal Antibody; FAF2 Antibody; AI462440; expressed in T cells and eosinophils in atopic dermatitis; faf2; FAF2_HUMAN; Fas associated factor family member 2; FAS-associated factor 2; KIAA0887; Protein ETEA; Protein expressed in T cells and eosinophils in atopic dermatitis; Protein expressed in T-cells and eosinophils in atopic dermatitis; UBX domain containing 8; UBX domain protein 3B; UBX domain-containing protein 3B; UBX domain-containing protein 8; UBXD8; UBXN3B; anti-FAF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FAF2 antibody detects endogenous levels of FAF2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	445
Applicable Applications for anti-FAF2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FAF2.
Subcellular Location	Cytoplasm. Lipid Droplet. Endoplasmic Reticulum.
Tissue Specificity	Broadly expressed, with highest levels in brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using FAF2 antibody.



IHC (Immunohistochemistry)
AAA323026 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-FAF2 antibody	Function: Plays an important role in endoplasmic reticulum-associated degradation (ERAD) that mediates ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins (PubMed:18711132, PubMed:24215460). By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway (PubMed:26692333). Involved in inhibition of lipid droplet degradation by binding to phospholipase PNPL2 and inhibiting its activity by promoting dissociation of PNPL2 from its endogenous activator, ABHD5 which inhibits the rate of triacylglycerol hydrolysis (PubMed:23297223). Subunit Structure: Identified in a complex that contains SEL1L, OS9, FAF2/UBXD8, UBE2J1/UBC6E and AUP1 (PubMed:18711132). Interacts with YOD1 (PubMed:19818707). Interacts (via N-terminus) with UBQLN2 (via C-terminus) (PubMed:24215460). Interacts with PNPLA2 and UBAC2 (PubMed:23297223). Interacts with ZFAND2B; probably through VCP (PubMed:24160817).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24797106
NCBI GeneID	23197
NCBI Accession #	NP_055428.1
NCBI GenBank Nucleotide #	NM_014613.2
UniProt Accession #	Q96CS3; O94963; Q8IUF2; Q9BRP2; Q9BVM7
Molecular Weight	Observed: 53 kDa Predicted: 53 kDa
NCBI Official Full Name	FAS-associated factor 2
NCBI Official Synonym Full Names	Fas associated factor family member 2
NCBI Official Symbol	FAF2
NCBI Official Synonym Symbols	ETEA; UBXD8; UBXN3B
NCBI Protein Information	FAS-associated factor 2
UniProt Protein Name	FAS-associated factor 2
UniProt Gene Name	FAF2
UniProt Synonym Gene Names	ETEA; KIAA0887; UBXD8; UBXN3B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.