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FAF2 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18912b

Specification

FAF2 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q96CS3
Other Accession	Q5BK32, Q3TDN2, Q2HJD0, NP_055428.1
Reactivity	**Mouse**
Predicted	**Bovine, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**52623**
Antigen Region	**348-377**

FAF2 Antibody (C-term) - Additional Information

Gene ID 23197

Other Names
FAS-associated factor 2, Protein ETEA, UBX domain-containing protein 3B, UBX domain-containing protein 8, FAF2, ETEA, KIAA0887, UBXD8, UBXN3B

Target/Specificity
This FAF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 348-377 amino acids from the C-terminal region of human FAF2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
FAF2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FAF2 Antibody (C-term) - Protein Information

Name FAF2 {ECO:0000303|PubMed:34739333, ECO:0000312|HGNC:HGNC:24666}

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). Involved in stress granule disassembly: associates with ubiquitinated G3BP1 in response to heat shock, thereby promoting interaction between ubiquitinated G3BP1 and VCP, followed by G3BP1 extraction from stress granules and stress granule disassembly (PubMed:34739333).

Cellular Location
Cytoplasm. Lipid droplet Endoplasmic reticulum

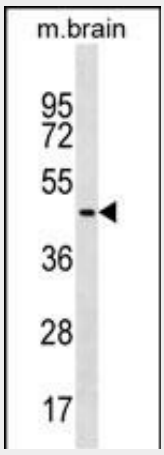
Tissue Location
Broadly expressed, with highest levels in brain.

FAF2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FAF2 Antibody (C-term) - Images



FAF2 Antibody (C-term) (Cat. #AP18912b) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the FAF2 antibody detected the FAF2 protein (arrow).

FAF2 Antibody (C-term) - Background

The protein encoded by this gene is highly expressed in peripheral blood of patients with atopic dermatitis (AD), compared to normal individuals. It may play a role in regulating the

resistance to apoptosis that is observed in T cells and eosinophils of AD patients.

FAF2 Antibody (C-term) - References

Phan, V.T., et al. Mol. Cell. Biol. 30(9):2264-2279(2010)
Ernst, R., et al. Mol. Cell 36(1):28-38(2009)
Alexandru, G., et al. Cell 134(5):804-816(2008)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Imai, Y., et al. Biochem. Biophys. Res. Commun. 297(5):1282-1290(2002)