

FAF2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18912b**Specification**

FAF2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q96CS3](#)**FAF2 Antibody (C-term) Blocking Peptide - 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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FAF2 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

FAF2 Antibody (C-term) Blocking Peptide - Images**FAF2 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - 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)