

Goat Anti-ETEA / UBXD8 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1384a**Specification**

Goat Anti-ETEA / UBXD8 Antibody - Product Information

Application	WB, E
Primary Accession	O96CS3
Other Accession	NP_055428 , 23197 , 76577 (mouse)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	52623

Goat Anti-ETEA / UBXD8 Antibody - 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

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-ETEA / UBXD8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-ETEA / UBXD8 Antibody - 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.

Goat Anti-ETEA / UBXD8 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-ETEA / UBXD8 Antibody - Images



AF1384a staining (0.3 µg/ml) of Jurkat lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence. This picture was generated using a previous batch.

Goat Anti-ETEA / UBXD8 Antibody - 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.

Goat Anti-ETEA / UBXD8 Antibody - References

The RasGAP proteins Ira2 and neurofibromin are negatively regulated by Gpb1 in yeast and ETEA in humans. Phan VT, et al. Mol Cell Biol, 2010 May. PMID 20160012.

The otubain YOD1 is a deubiquitinating enzyme that associates with p97 to facilitate protein dislocation from the ER. Ernst R, et al. Mol Cell, 2009 Oct 9. PMID 19818707.

Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.

Unsaturated fatty acids inhibit proteasomal degradation of Insig-1 at a postubiquitination step. Lee JN, et al. J Biol Chem, 2008 Nov 28. PMID 18835813.

UBXD7 binds multiple ubiquitin ligases and implicates p97 in HIF1alpha turnover. Alexandru G, et al. Cell, 2008 Sep 5. PMID 18775313.