

Mouse anti-Human FAT4 Monoclonal Antibody | anti-FAT4 antibody

FAT4 Antibody

CATALOG # AAA290645	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	----------------------	----------------------------	--

PRODUCT SYNONYMS

FAT4; Monoclonal Antibody; FAT4 Antibody; Protocadherin Fat 4; hFat4; Cadherin family member 14; FAT tumor suppressor homolog 4; Fat-like cadherin protein FAT-J; CDHF14; FATJ; anti-FAT4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Specificity	This FAT4 antibody is generated from a mouse immunized with a recombinant protein between 4500-4786 amino acids from human FAT4.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	4982
Applicable Applications for anti-FAT4 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Mouse Monoclonal Antibody (Mab)
Cellular Location	Membrane; Single-pass type I membrane protein. Note=In the kidney, localizes to primary cilia.
Clone Names	1654CT645.1.70
Tissue Location	Widely expressed. Expressed in fetal brain, infant brain, brain tumor and colorectal cancer.
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-FAT4 Antibody at 1:2000 dilution + Recombinant proteinLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 543 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-FAT4 Antibody at 1:2000 dilution + Recombinant proteinLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 543 kDaBlocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Anti-FAT4 Antibody at 1:2000 dilution + Recombinant proteinLysates/proteins at 20 ug per lane.SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 543 kDaBlocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-FAT4 antibody	Cadherins are calcium-dependent cell adhesion proteins. FAT4 plays a role in the maintenance of planar cell polarity as well as in inhibition of YAP1-mediated neuroprogenitor cell proliferation and differentiation (By similarity).
Product Categories/Family for anti-FAT4 antibody	Primary Antibodies; Cancer; Signal Transduction
References	Hoeng J.C.,et al.J. Mol. Biol. 337:307-317 (2004). Hillier L.W.,et al.Nature 434:724-731 (2005). Ohira M.,et al.Cancer Lett. 197:63-68 (2003). Ota T.,et al.Nat. Genet. 36:40-45 (2004). Bechtel S.,et al.BMC Genomics 8:399-399 (2007).

NCBI AND UNIPROT INFORMATION

NCBI GI #	603844373
NCBI GeneID	79633
NCBI Accession #	NP_001278214.1
NCBI GenBank Nucleotide #	NM_001291285.1
UniProt Accession #	Q6V0I7; Q3LIA6; Q8TCK7; Q9H5T6; A8K5Z6; B5MDG4
Molecular Weight	542687 Da
NCBI Official Full Name	protocadherin Fat 4 isoform 2
NCBI Official Synonym Full Names	FAT atypical cadherin 4
NCBI Official Symbol	FAT4
NCBI Official Synonym Symbols	FATJ; FAT-J; CDHF14; CDHR11; HKLLS2; VMLDS2; NBLA00548
NCBI Protein Information	protocadherin Fat 4
UniProt Protein Name	Protocadherin Fat 4
UniProt Gene Name	FAT4
UniProt Synonym Gene Names	CDHF14; FATJ; hFat4
UniProt Entry Name	FAT4_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/fat4-antibody-western-blot-elisa/290645>