

Rabbit anti-Human FAT4 Polyclonal Antibody | anti-FAT4 antibody

FAT4 Antibody

CATALOG # AAA302802	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

FAT4; Polyclonal Antibody; FAT4 Antibody; FATJ; FAT-J; CDHF14; CDHR11; NBLA00548; anti-FAT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total FAT4 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	4982
Applicable Applications for anti-FAT4 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human FAT tumor suppressor homolog 4 (Drosophila)
Target Name	FAT4
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/20.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-FAT4 antibody	FAT1, FAT2, FAT3 and FAT4 are human homologs of Drosophila Fat, which is involved in tumor suppression and planar cell polarity (PCP). FAT4 undergo the first proteolytic cleavage by Furin and are predicted to undergo the second cleavage by g secretase to release intracellular domain (ICD). FAT4 directly interacts with MPDZ/MUPP1 to recruit membrane associated guanylate kinase MPP5/PALS1. FAT4 is involved in the maintenance of PCP and inhibition of cell proliferation.
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Product Categories/Family for anti-FAT4 antibody

Total protein Ab

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	542,616 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fat4-antibody-immunohistochemistry-elisa/302802>