

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

Rabbit anti-FAT4 Antibody, Affinity Purified

CATALOG # AAA213476	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

FAT4; Polyclonal Antibody; Rabbit anti-FAT4 Antibody; Affinity Purified; FATJ; putative protein product of Nbla00548; protocadherin Fat 4; NBLA00548; HKLLS2; hFat4; FAT-J; VMLDS2; FAT tumor suppressor homolog 4; CDHR11; CDHF14; cadherin-related family member 11; cadherin family member 14; fat-like cadherin protein FAT-J; Protocadherin Fat 4; FAT atypical cadherin 4; anti-FAT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FAT4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 4931 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human FAT4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and KM12 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-FAT4 antibody (AAA213476 lot 1) used for WB at 0.4 mg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human FAT4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FAT4 antibody (AAA213476 lot 1) used for IP at 6 ug per reaction. FAT4 was also immunoprecipitated by rabbit anti-FAT4 antibody BL24449. For blotting immunoprecipitated FAT4, AAA213476 was used at 0.4 mg/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FAT4 antibody

FAT4 is a member of the protocadherin family, and may play a role in regulating planar cell polarity (PCP). Studies in mice suggest that loss of PCP signaling may cause cystic kidney disease, and mutations in this gene have been associated with Van Maldergem Syndrome 2. [taken from NCBI Entrez Gene (Gene ID: 79633)].

NCBI AND UNIPROT INFORMATION

NCBI GeneID	79633
UniProt Accession #	Q6V0I7
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-immunoprecipitation-western-blot-elisa/213476>