

Rabbit anti-Human, Mouse FAT1 Polyclonal Antibody | anti-FAT1 antibody

Rabbit anti-FAT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212671	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

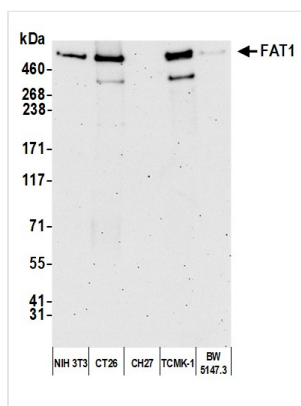
PRODUCT SYNONYMS

FAT1; Polyclonal Antibody; Rabbit anti-FAT1 Antibody; Affinity Purified; CDHR8; protocadherin Fat 1; protein fat homolog; ME5; hFat1; FAT; CDHF7; cadherin-related tumor suppressor homolog; cadherin-related family member 8; cadherin ME5; cadherin family member 7; FAT tumor suppressor 1; Protocadherin Fat 1; FAT atypical cadherin 1; anti-FAT1 antibody

PRODUCT SPECIFICATIONS

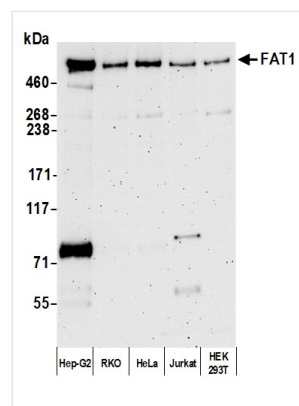
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-FAT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 4450 and 4500
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



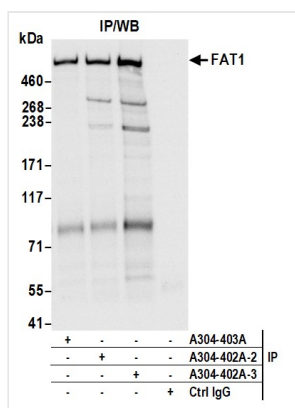
WB (Western Blot)

Detection of mouse FAT1 by western blot. Samples: Whole cell lysate (2 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FAT1 antibody (AAA212671 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



WB (Western Blot)

Detection of human FAT1 by western blot. Samples: Whole cell lysate (2 ug) from Hep-G2, RKO, HeLa, Jurkat, and HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-FAT1 antibody (AAA212671 lot 3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human FAT1 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-FAT1 antibody (AAA212671 lot 3) used for IP at 6 ug per reaction. FAT1 was also immunoprecipitated by a previous lot of this antibody and rabbit anti-FAT1 antibody. For blotting immunoprecipitated FAT1, AAA212671 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-FAT1 antibody

Protocadherin Fat 1 is an ortholog of the Drosophila fat gene, which encodes a tumor suppressor essential for controlling cell proliferation during Drosophila development. FAT1 is a member of the cadherin superfamily, a group of integral membrane proteins characterized by the presence of cadherin-type repeats. In addition to containing 34 tandem cadherin-type repeats, FAT1 has five epidermal growth factor (EGF)-like repeats and one laminin A-G domain. FAT1 is expressed at high levels in a number of fetal epithelia. Its product probably functions as an adhesion molecule and/or signaling receptor, and is likely to be important in developmental processes and cell communication [taken from NCBI Entrez Gene (Gene ID: 2195)].

Product Categories/Family for anti-FAT1 antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	66346693
NCBI GeneID	2195
NCBI Accession #	NP_005236.2
NCBI GenBank Nucleotide #	NM_005245.3
UniProt Accession #	Q14517
Molecular Weight	506,273 Da
NCBI Official Full Name	protocadherin Fat 1
NCBI Official Synonym Full Names	FAT atypical cadherin 1
NCBI Official Symbol	FAT1
NCBI Official Synonym Symbols	FAT; ME5; CDHF7; CDHR8; hFat1
NCBI Protein Information	protocadherin Fat 1; cadherin ME5; protein fat homolog; FAT tumor suppressor 1; cadherin family member 7; FAT tumor suppressor homolog 1; cadherin-related family member 8; cadherin-related tumor suppressor homolog
UniProt Protein Name	Protocadherin Fat 1
UniProt Gene Name	FAT1
UniProt Synonym Gene Names	CDHF7; FAT

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://www.aaabiotech.com/polyclonal/fat1-antibody-immunoprecipitation-western-blot-elisa/212671>