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FAT1 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8531b

Product Information

Application	WB, E
Primary Accession	Q14517
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Clone Names	1634CT464.1.9
Calculated MW	506273

Additional Information

Gene ID	2195
Other Names	Protocadherin Fat 1, Cadherin family member 7, Cadherin-related tumor suppressor homolog, Protein fat homolog, Protocadherin Fat 1, nuclear form, FAT1, CDHF7, FAT
Target/Specificity	This FAT1 antibody is generated from a mouse immunized with a recombinant protein between 4203-4539 amino acids from human FAT1.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	FAT1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FAT1
Synonyms	CDHF7, FAT
Function	[Protocadherin Fat 1]: Plays an essential role for cellular polarization, directed cell migration and modulating cell-cell contact.

Cellular Location	[Protocadherin Fat 1]: Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in many epithelial and some endothelial and smooth muscle cells

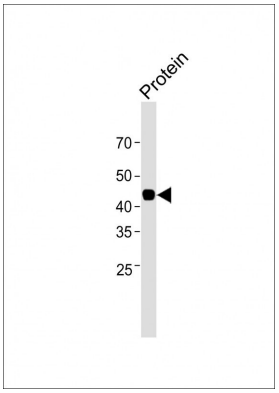
Background

Plays an essential role for cellular polarization, directed cell migration and modulating cell-cell contact.

References

Dunne J.,et al.Genomics 30:207-223(1995).
Hillier L.W.,et al.Nature 434:724-731(2005).
Magg T.,et al.Exp. Cell Res. 307:100-108(2005).
Cantin G.T.,et al.J. Proteome Res. 7:1346-1351(2008).
Hou R.,et al.J. Biol. Chem. 284:6955-6965(2009).

Images



All lanes: Anti-FAT1 Antibody at 1:1000 dilution + Protein lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Mouse IgG, (H+L), Peroxidase conjugated (ASP1613) at 1/8000 dilution. Observed band size: 45 KDa Blocking/Dilution buffer: 5% NFDM/TBST.