

Anti-FAT1 antibody



Description	Unconjugated Rabbit polyclonal to FAT1
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Model	STJ190301
Host	Rabbit
Reactivity	Human
Applications	IHC
Immunogen	Synthesized peptide derived from human FAT1 protein.
Immunogen Region	1140-1220aa
Gene ID	2195
Gene Symbol	FAT1
Dilution range	IHC-p 1:50-300
Specificity	FAT1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Expressed in many epithelial and some endothelial and smooth muscle cells.
Purification	FAT1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Protocadherin Fat 1 Cadherin family member 7 Cadherin-related tumor suppressor homolog Protein fat homolog Protocadherin Fat 1, nuclear form
Molecular Weight	504 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3595 OMIM:600976
Alternative Names	Protocadherin Fat 1 Cadherin family member 7 Cadherin-related tumor suppressor homolog Protein fat homolog Protocadherin Fat 1, nuclear form
Function	Plays an essential role for cellular polarization, directed cell migration and modulating cell-cell contact.
Sequence and Domain Family	A PTB-like motif (DNXYH sequence) is required for the targeting to the leading edge. This motif represents a minimal protein-protein interaction core motif that is not regulated by tyrosine phosphorylation .
Cellular Localization	Cell membrane Nucleus Cytoplasm, perinuclear region
Post-translational Modifications	Undergoes proteolytic cleavage. The extracellular domain is cleaved off and the cytoplasmic domain (about 400 AA) shuttles to the nucleus.

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