

## Anti-FAT1 antibody

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

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:3595OMIM:600976</a>
<b>Alternative Names</b>	Protocadherin Fat 1 Cadherin family member 7 Cadherin-related tumor suppressor homolog Protein fat homolog Protocadherin Fat 1, nuclear form
<b>Function</b>	Plays an essential role for cellular polarization, directed cell migration and modulating cell-cell contact.
<b>Sequence and Domain Family</b>	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 .
<b>Cellular Localization</b>	Cell membrane Nucleus Cytoplasm, perinuclear region
<b>Post-translational Modifications</b>	Undergoes proteolytic cleavage. The extracellular domain is cleaved off and the cytoplasmic domain (about 400 AA) shuttles to the nucleus.

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