antibodies -online.com







anti-FAT1 antibody





Overview

Quantity:	200 μL
Target:	FAT1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAT1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human FAT1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:

FAT1

Alternative Name:	FAT1 (FAT1 Products)
Background:	This gene is an ortholog of the Drosophila fat gene, which encodes a tumor suppressor
	essential for controlling cell proliferation during Drosophila development. The gene product 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

Target Details

repeats, the gene product has five epidermal growth factor (EGF)-like repeats and one laminin A-G domain. This gene 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. Transcript variants derived from alternative splicing and/or alternative promoter usage exist, but they have not been fully described.

NCBI Accession:

NP_005236

UniProt:

Q14517

Application Details

Application Notes:

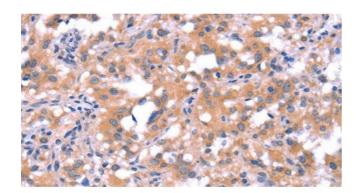
IHC 1:50-1:200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	0.4 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using FAT1 Polyclonal Antibody at dilution 1:40