Anti-FAT1 antibody

Cat. No.	ml261674
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-FAT1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human FAT1
Reactivity	Human
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FAT1
Full name	FAT atypical cadherin 1
Synonyms	FAT; ME5; CDHF7; CDHR8; hFat1
Swissprot	Q14517

Target 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 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.
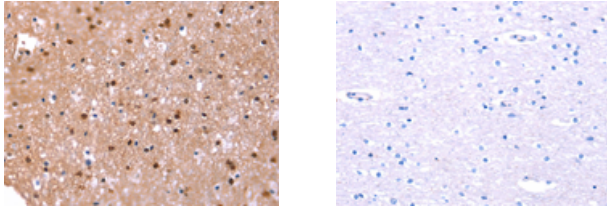
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human brain

Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded
Human brain tissue using ml261674(FAT1 Antibody) at dilution 1/20,
on the right is treated with synthetic peptide. (Original magnification:
×200)

ELISA

Recommended dilution: 1000-2000

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