

FAT2 rabbit pAb

Cat No.: ES11838

For research use only

Overview

Product Name FAT2 rabbit pAb

Host species Rabbit
Applications IHC;IF

Species Cross-Reactivity Human; Mouse; Rat Recommended dilutions IHC-p 1:50-300

Immunogen Synthesized peptide derived from part region of

human protein

Specificity FAT2 Polyclonal Antibody detects endogenous levels

of protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Protocadherin Fat 2 (hFat2) (Cadherin family

member 8) (Multiple epidermal growth factor-like domains protein 1) (Multiple EGF-like domains

protein 1)

Gene Name FAT2 CDHF8 KIAA0811 MEGF1

Cellular localization Cell membrane; Single-pass type I membrane

protein. Cell junction. Golgi apparatus, trans-Golgi network. Localized at adhesion zippers (early state

of adherens junctions) of keratinocytes. .

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 478kD
Human Gene ID 2196
Human Swiss-Prot Number Q9NYQ8

Alternative Names

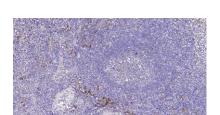
Background This gene is the second identified human homolog

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 two epidermal growth factor (EGF)-like repeats and one laminin G domain. This protein most likely functions as a cell adhesion molecule, controlling cell proliferation and playing an important role in cerebellum development. [provided by RefSeq, Jul 2008],



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).

