PRODUCT INFORMATION

Catalog number ATGA0486

Clone No. AT21D11

Product type Monoclonal Antibody

UnitProt No. Q14192

NCBI Accession No. NP_001034581

Alternative Names Four and a half LIM domains 2, AAG11, DRAL, FHL-2, SLIM-3, SLIM3

PRODUCT SPECIFICATION

Antibody Host Mouse

Reacts With Human

Concentration 1mg/ml (determined by BCA assay)

Formulation Liquid in. Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Immunogen Recombinant human FHL2 (1-279aa) purified from E. coli.

lsotype

lgG1 kappa

Purification Note By protein-A affinity chromatography

Application

ELISA,WB,ICC/IF

Usage

The antibody has been tested by ELISA, Western blot analysis and ICC/IF to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Storage



NKMAXBIO We support you, we believe in your research Human FHL2 antibody Catalog Number: ATGA0486

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

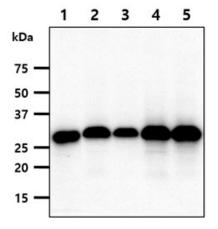
FHL2 is a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants, encoding the same protein, have been identified.

General References

Verset,L., et al. (2013) Br. J. Cancer. 109(1), 114-120. Han,W., et al. (2013) J. Clin. Invest. 123(5), 2103-2118.

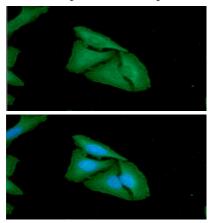
DATA

Western blot analysis (WB)



The cell lysates(40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FHL2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate Lane 2.: A549 cell lysate Lane 3.: MCF7 cell lysate Lane 4.: SK-OV-3 cell lysate Lane 5.: HT1080 cell lysate

Immunocytochemistry/Immunofluorescence (ICC/IF)



ICC/IF analysis of FHL2 in HeLa cells. The cell was stained with ATGA0486 (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

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