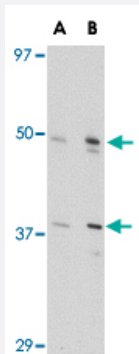


FEZ2 polyclonal antibody

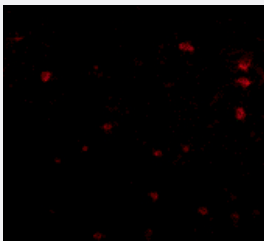
Catalog # PAB13316 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of FEZ2 in NIH/3T3 cell lysate with FEZ2 polyclonal antibody (Cat # PAB13316) at (A) 0.5, and (B) 1 ug/mL .



Immunofluorescence

Immunofluorescence of human brain tissue using FEZ2 polyclonal antibody (Cat # PAB13316) at 5 ug/mL .

Specification

| | |
|----------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of FEZ2. |
| Immunogen | A synthetic peptide corresponding to internal region 15 amino acids of human FEZ2. |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Form | Liquid |
| Recommend Usage | Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user. |

| | |
|---------------------|---|
| Storage Buffer | In PBS (0.02% sodium azide) |
| Storage Instruction | Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot (Cell lysate)

Western blot analysis of FEZ2 in NIH/3T3 cell lysate with FEZ2 polyclonal antibody (Cat # PAB13316) at (A) 0.5, and (B) 1 ug/mL .

- Immunofluorescence

Immunofluorescence of human brain tissue using FEZ2 polyclonal antibody (Cat # PAB13316) at 5 ug/mL .

Gene Info — FEZ2

| | |
|--------------------|--|
| Entrez GeneID | 9637 |
| Protein Accession# | NP_001036013 |
| Gene Name | FEZ2 |
| Gene Alias | HUM3CL, MGC117372 |
| Gene Description | fasciculation and elongation protein zeta 2 (zygin II) |
| Omim ID | 604826 |
| Gene Ontology | Hyperlink |
| Gene Summary | This gene is an ortholog of the C. elegans unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Other orthologs include the rat gene that encodes zygin I, which can bind to synaptotagmin. [provided by RefSeq] |
| Other Designations | pre-T/NK cell associated protein (3CI) zygin 2 |

Publication Reference

- [FEZ1 dimerization and interaction with transcription regulatory proteins involves its coiled-coil region.](#)

Assmann EM, Alborghetti MR, Camargo ME, Kobarg J.

The Journal of Biological Chemistry 2006 Apr; 281(15):9869.

- [Identification of a tissue-non-specific homologue of axonal fasciculation and elongation protein zeta-1.](#)

Fujita T, Ikuta J, Hamada J, Okajima T, Tatematsu K, Tanizawa K, Kuroda S.

Biochemical and Biophysical Research Communications 2004 Jan; 313(3):738.

- [Mammalian homologue of the Caenorhabditis elegans UNC-76 protein involved in axonal outgrowth is a protein kinase C zeta-interacting protein.](#)

Kuroda S, Nakagawa N, Tokunaga C, Tatematsu K, Tanizawa K.

The Journal of Cell Biology 1999 Feb; 144(3):403.

Disease

- [Tobacco Use Disorder](#)