
FEZ1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253742

Unit: 0.1 mg

Description:

Similar to its *C. elegans* homolog UNC-76, mammalian FEZ1, an abundant membrane protein and protein kinase C (PKC)-Z substrate, is involved in axonal guidance. Following phosphorylation by PKC-Z, FEZ1 translocates from the plasma membrane to the cytoplasm. FEZ1 is then able to interact with a number of proteins involved in axonal outgrowth and cellular transport such as DISC1, a candidate gene for schizophrenia, as well as kinesin-1, a microtubule-based motor protein. FEZ1 also interacts with proteins involved in transcriptional regulation and chromatin remodeling, suggesting that FEZ1 may have nuclear regulatory functions in addition to those for neuronal development. At least two distinct isoforms of FEZ1 are known to exist. Despite its predicted molecular weight, FEZ1 will often run at higher molecular weight in SDS-PAGE.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: FEZ1; Fasciculation and elongation protein zeta 1; zygin 1

Accession No.: Q99689

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human FEZ1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.