

Datasheet for ABIN499830
anti-FEZ1 antibody (C-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	FEZ1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FEZ1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	FEZ1 antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human FEZ1.
Isotype:	IgG
Specificity:	This antibody reacts to FEZ1.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FEZ1
Alternative Name:	Zygin-1 (FEZ1 Products)
Background:	Similar to its C. elegans homolog UNC-76, mammalian FEZ1, an abundant membrane protein

Target Details

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. Synonyms: FEZ1, Fasciculation and elongation protein zeta-1, Zygin I

Gene ID: 9638

UniProt: [Q99689](#)

Application Details

Application Notes: ELISA. Western Blot: 1 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

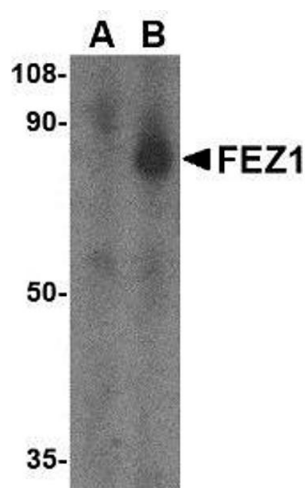
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of FEZ1 in SK-N-SH cell lysate with AP30333PU-N FEZ1 antibody at 1 µg/ml in the (A) presence and (B) absence of blocking peptide.