

Rabbit FEZ2 Polyclonal Antibody | anti-FEZ2 antibody

FEZ2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40192	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

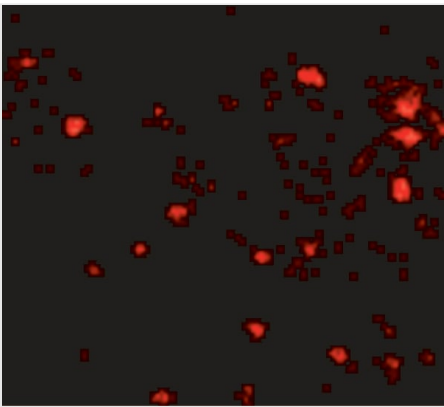
PRODUCT SYNONYMS

FEZ2; Polyclonal Antibody; FEZ2 Antibody; HUM3CL; Fasciculation and elongation protein zeta-2; Zygin II; fasciculation and elongation protein zeta 2 (zygin II); anti-FEZ2 antibody

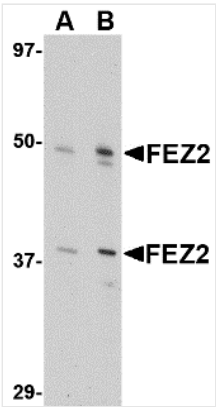
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	FEZ2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	380
Applicable Applications for anti-FEZ2 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FEZ2 antibody was raised against a 15 amino acid synthetic peptide from near the center of human FEZ2.
Buffer	FEZ2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FEZ2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of human brain tissue using FEZ2 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of FEZ2 in 3T3 cell lysate with FEZ2 antibody at (A) 0.5, and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-FEZ2 antibody

FEZ2 Antibody: Fasciculation and elongation protein zeta-2 (FEZ2) is a homolog to the mammalian FEZ1, itself an ortholog of the *C. elegans* UNC-76. In contrast to FEZ1, FEZ2 mRNA is widely expressed in mouse tissues. FEZ2 interacts with protein kinase C (PKC)-zeta substrate and induces neurite extension of PC12 cells when co-expressed with a constitutively active form of PKC-zeta, suggesting FEZ2 may play an important role in the morphological changes of various cells by associating with PKC-zeta in a tissue non-specific manner. FEZ2 can interact with FEZ1 through its c-terminal regions and especially its coiled-coil region. At least two isoforms of FEZ2 are known to exist.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349756
NCBI GeneID	9637
NCBI Accession #	NP_001036013
NCBI GenBank Nucleotide #	NM_001042548.1
UniProt Accession #	Q9UHY8; Q5EBN3; Q76LN0; Q99690
Molecular Weight	42,613 Da
NCBI Official Full Name	fasciculation and elongation protein zeta-2 isoform 2
NCBI Official Synonym Full Names	fasciculation and elongation protein zeta 2 (zygin II)
NCBI Official Symbol	FEZ2
NCBI Official Synonym Symbols	HUM3CL
NCBI Protein Information	fasciculation and elongation protein zeta-2; zygin 2; zygin-2; zygin II; pre-T/NK cell associated protein (3CI)
UniProt Protein Name	Fasciculation and elongation protein zeta-2
UniProt Gene Name	FEZ2
UniProt Entry Name	FEZ2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.