

Rabbit anti-Human FEZ2 Polyclonal Antibody | anti-FEZ2 antibody

FEZ2 Antibody (N-term)

CATALOG # AAA286175	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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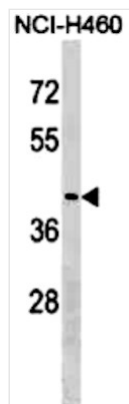
PRODUCT SYNONYMS

FEZ2; Polyclonal Antibody; FEZ2 Antibody (N-term); Fasciculation and elongation protein zeta-2; Zygin II; Zygin-2; anti-FEZ2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FEZ2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human FEZ2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	1-30
Sequence Length	380
Applicable Applications for anti-FEZ2 antibody	ELISA, WB (Western Blot)
Function	Involved in axonal outgrowth and fasciculation.
Tissue Location	Expressed in nonneural tissues, such as heart, lung, spleen, muscle, testis, placenta and melanocytes.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

FEZ2 Antibody (N-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the FEZ2 antibody detected the FEZ2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-FEZ2 antibody	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 II, which can bind to synaptotagmin.
Product Categories/Family for anti-FEZ2 antibody	Neuroscience
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Assmann, E.M., et al. J. Biol. Chem. 281(15):9869-9881(2006) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Fujita, T., et al. Biochem. Biophys. Res. Commun. 313(3):738-744(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349756
NCBI GeneID	9637
NCBI Accession #	NP_001036013.1; NP_005093.2
NCBI GenBank Nucleotide #	NM_001042548.1
UniProt Accession #	Q9UHY8; Q5EBN3; Q76LN0; Q99690
Molecular Weight	39666
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
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.