FEZF2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FEZF2, Polyclonal Antibody
Full Product Name	FEZF2, ID (FEZF2, FEZL, ZNF312, Fez family zinc finger protein 2, Forebrain embryonic zinc finger-like protein 2, Zinc finger protein 312, Zinc finger protein Fez-like) (MaxLight 650)
Product Gene Name	anti-FEZF2 antibody
Product Synonym Names	FEZF2; FEZL; ZNF312; Fez family zinc finger protein 2; Forebrain embryonic zinc finger-like protein 2; Zinc finger protein 312; Zinc finger protein Fez-like
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	48,811 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (62355347..62359190, complement). Location: 3p14.2
OMIM	607414
3D Structure	ModBase 3D Structure for Q8TBJ5
Immunogen	FEZF2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 208-237 amino acids from the Central region of human FEZF2.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-FEZF2 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-FEZF2 antibody	Western Blot (WB), FLISA
Application Notes for anti-FEZF2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-FEZF2 antibody	Transcription repressor. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons. May be involved in innate immunity (By similarity).
Product References and Citations for anti-FEZF2 antibody	Hashimoto, H., et al. Mech. Dev. 97 (1-2), 191-195 (2000): Kleiderlein, J.J., et al. Hum. Genet. 103(6):666-673(1998).

Other Notes	Small volumes of anti-FEZF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FEZF2 purchase	MBS6298876 is an antibody targeting FEZF2. Also known as FEZF2, ID (FEZF2, FEZL, ZNF312, Fez family zinc finger protein 2, Forebrain embryonic zinc finger-like protein 2, Zinc finger protein 312, Zinc finger protein Fez-like) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FEZF2. It may not necessarily be applicable to this product.

NCBI GI #	157388917
NCBI GeneID	55079
NCBI Accession #	NP_060478.3
UniProt Primary Accession #	Q8TBJ5
UniProt Secondary Accession #	Q9BZ91; Q9NWB9; A8K349
UniProt Related Accession #	Q8TBJ5
GenBank Nucleotide #	NM_018008.3
NCBI Official Full Name	fez family zinc finger protein 2
NCBI Official Synonym Full Names	FEZ family zinc finger 2
NCBI Official Symbol	FEZF2
NCBI Official Synonym Symbols	FEZ; TOF; FEZL; FKSG36; ZFP312; ZNF312
UniProt Protein Name	Fez family zinc finger protein 2
UniProt Synonym Protein Names	Forebrain embryonic zinc finger-like protein 2; Zinc finger protein 312; Zinc finger protein Fez-like
Protein Family	Fez family zinc finger protein
UniProt Gene Name	FEZF2
UniProt Synonym Gene Names	FEZL; ZNF312
UniProt Entry Name	FEZF2_HUMAN
NCBI Protein Information	fez family zinc finger protein 2; zinc finger protein 312; forebrain embryonic zinc finger-like protein 2
UniProt Comments for FEZF2	Function: Transcription repressor. Required for the specification of corticospinal motor neurons and other subcerebral projection neurons. May play a role in layer and neuronal subtype-specific patterning of subcortical projections and axonal fasciculation. Controls the development of dendritic arborization and spines of large layer V pyramidal neurons. May be involved in innate immunity By similarity. Subcellular location: Nucleus By similarity. Sequence similarities: Belongs to the krueppel C2H2-type zinc-finger protein family.Contains 6 C2H2-type zinc fingers.
Research Articles on FEZF2	**1.** the feasibility of employing genomic SELEX to identify vertebrate transcription factor binding sites and target genes and reveal Fezf2 as a transcription activator and a candidate for evaluation in human microcephaly.

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