



Anti-FEZ1 monoclonal antibody (DCABH-11558)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description This gene is an ortholog of the *C. elegans* unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in *C. elegans* unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described.

Immunogen	A synthetic peptide of human FEZ1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Size	1 ea
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FEZ1 fasciculation and elongation protein zeta 1 (zygin I) [Homo sapiens]
Official Symbol	FEZ1
Synonyms	FEZ1; fasciculation and elongation protein zeta 1 (zygin I); fasciculation and elongation protein zeta-1; zygin I; zygin-1;
Entrez Gene ID	9638

Protein Refseq	NP_005094
UniProt ID	Q99689
Chromosome Location	11q24.2
Function	gamma-tubulin binding; protein binding; protein kinase C binding;