

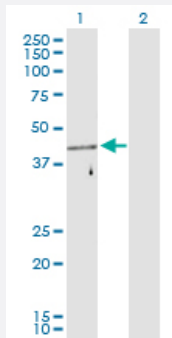
MaxPab®

FEZ1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00009638-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FEZ1 expression in transfected 293T cell line ([H00009638-T03](#)) by FEZ1 MaxPab polyclonal antibody.

Lane 1: FEZ1 transfected lysate(45.10 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human FEZ1 protein.

Immunogen

FEZ1 (NP_005094.1, 1 a.a. ~ 392 a.a) full-length human protein.

Sequence

MEAPLVSLDEEFEDLRPSCSEDPEEKPCQCFYGSSPHHLEDPSLSELENFSSEIISFKSMEDLVNE
FDEKLNVCFRNNAKTENLAPVKNLQIQEEEEETLQDEEVWDALTDNYIPSLSEDWRDPNIEALN
GNCSDTEIHEKEEEEFNEKSENDSGINEEPLLADQVIEIEEMMQNSPDPEEEEEVLEEDGGE
TSSQADSVLLQEMQALTQTFNNNWSYEGLRHMSGSELTELLDQVEGAIRDFSEELVQQLARRDE
LEFEKEVKNSFITVLIQVQNKQKEQRELMKKRRKEKGLSLQSSRIEKGQNMPLKRFSMEGISENLQ
SGRQTFGSSGTDKQYLNTVIPYEKKASPPSVEDLQMLTNILFAMKEDNEKVPTLLTDYILKVLCP

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — FEZ1

Entrez GeneID [9638](#)

GeneBank Accession# [NM_005103.3](#)

Protein Accession# [NP_005094.1](#)

Gene Name FEZ1

Gene Alias -

Gene Description fasciculation and elongation protein zeta 1 (zygin I)

Omim ID [604825](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations zygin 1

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)

- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Postmortem Changes](#)
- [Schizophrenia](#)