



## Rabbit Anti-FEZ2 antibody

SL11840R

<b>Product Name:</b>	FEZ2
<b>Chinese Name:</b>	椎骨蛋白2抗体
<b>Alias:</b>	Zygin2; Fasciculation and elongation protein zeta 2; Fasciculation and elongation protein zeta-2; FEZ 2; Fez2; FEZ2_HUMAN; Highly similar to zyginII; HUM3CL; MGC117372; Pre T/NK cell associated protein; Zygin 2; Zygin II; Zygin-2.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	40kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FEZ2/Zygin2:165-240/353
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	This gene is an ortholog of the <i>C. elegans</i> 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. [provided by RefSeq, Jul 2008]

**Function:**

Involved in axonal outgrowth and fasciculation.

**Subunit:**

Homodimer; disulfide-linked. May form heterodimers with FEZ1. Interacts with synaptotagmin.

**Tissue Specificity:**

Expressed in nonneural tissues, such as heart, lung, spleen, muscle, testis, placenta and melanocytes.

**Similarity:**

Belongs to the zygin family.

**SWISS:**

Q9UHY8

**Gene ID:**

9637

**Database links:**

[Entrez Gene: 9637](#) Human

[Entrez Gene: 225020](#) Mouse

[Entrez Gene: 94269](#) Rat

[SwissProt: Q76LN0](#) Human

[SwissProt: Q9UHY8](#) Human

[SwissProt: Q6TYB5](#) Mouse

[SwissProt: P97578](#) Rat

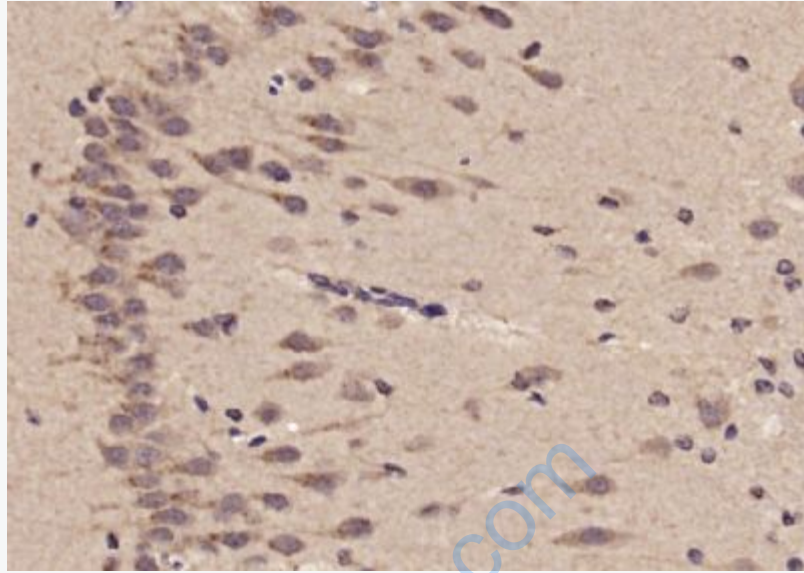
[Unigene: 258563](#) Human

[Unigene: 236835](#) Mouse

[Unigene: 8714](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



**Picture:**

Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by microwave in sodium citrate buffer (pH6.0) ; Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30min; Antibody incubation with (FEZ2) Polyclonal Antibody, Unconjugated (SL11840R) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.