

## Anti-Neurabin 1 Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Dog,Pig,Cow,Rabbit,Sheep)
Molecular Weight:	Theoretical: 123 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Neurabin 1) Polyclonal Antibody, Unconjugated (TMAB-09374) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Neurabin 1) Polyclonal Antibody, Unconjugated (TMAB-09374) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p>
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Neurabin 1/PPP1R9A
Antigen Species:	Human
Gene ID:	55607
Uniprot ID:	Q9ULJ8

### Research Background

This gene is imprinted, and located in a cluster of imprinted genes on chromosome 7q12. This gene is transcribed in both neuronal and multiple embryonic tissues, and it is maternally expressed mainly in embryonic skeletal muscle tissues and biallelically expressed in other embryonic tissues. The protein encoded by this gene includes a PDZ domain and a sterile alpha motif (SAM). It is a regulatory subunit of protein phosphatase I, and controls actin cytoskeleton reorganization. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2009]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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