

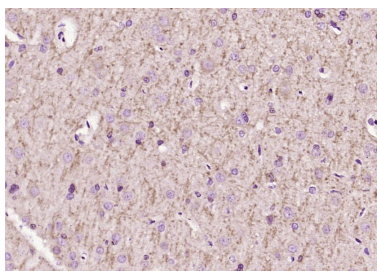
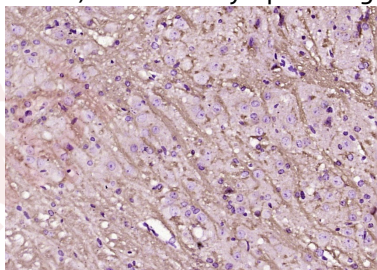
Anti-LINGO1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 70 kDa. Actual: 75-85 kDa.
Purification:	Protein A purified

Applications

- Verified Activity:
1. Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Lingo-1) Polyclonal Antibody, Unconjugated (TMAB-01071) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
 2. Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (Lingo-1) Polyclonal Antibody, Unconjugated (TMAB-01071) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Application:	IF,IHC-Fr,IHC-P
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: 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 LINGO1

Antigen Species: Human

Gene ID: 84894

Uniprot ID: Q6NUK3

Synonyms: Leucine-rich repeat and immunoglobulin domain-containing protein 1;Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1;LRRN6A;Leucine-rich repeat neuronal protein 1;LERN1;LINGO1;Leucine-rich repeat neuronal protein 6A

Biology Area: Nervous system development,Axonal Guidance Proteins,Neural Signal Transduction, Neurogenesis,Neuroregeneration,More GPCR

Research Background

LINGO-1 (LRR and Ig domain-containing Nogo Receptor interacting protein) is a nervous system-specific LRR-Ig-containing protein with an important role in CNS biology. LINGO-1 was discovered in a sequence database search for human SLIT homologs that were selectively expressed in the brain. LINGO-1 is a transmembrane protein that is a component of the Nogo-66 receptor complex. It binds Ngr1 and p75 and is an additional functional component of the Ngr1/p75 signaling complex.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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