SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Peripherin antibody

Catalog Number: SL1527R

FOR RESEARCH USE ONLY

[DATASHEET]

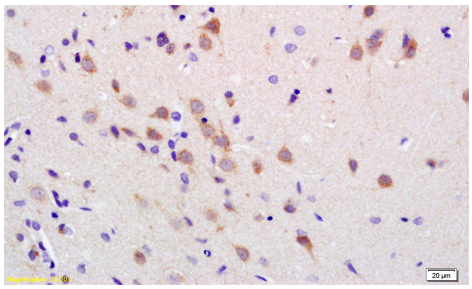
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Peripherin
Immunogen:	KLH conjugated synthetic peptide derived from human Peripherin: 201-300/470
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Dog,Pig,Cow,Horse)
Predicted MW.:	54kDa
Background:	This gene encodes a cytoskeletal protein found in neurons of the peripheral nervous system. The encoded protein is a type III intermediate filament protein with homology to other cytoskeletal proteins such as desmin, and is a different protein that the peripherin found in photoreceptors. Mutations in this gene have been associated with susceptibility to amyotrophic lateral sclerosis. [provided by RefSeq]. **Function:** Class-III neuronal intermediate filament protein. **Subcellular Location:** Cytoplasm, cytoskeleton. Cell projection, axon. Perikaryon. **Similarity:** Belongs to the intermediate filament family. **Database links:** **Entrez Gene:** 5630 Human **Entrez Gene:** 19132 Mouse

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

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	Entrez Gene: 24688 Rat Omim: 170710 Human **SwissProt:** P41219 Human **SwissProt:** P15331 Mouse **SwissProt:** P21807 Rat **Unigene:** 37044 Human **Unigene:** 2477 Mouse **Unigene:** 11086 Rat

[VALIDATION IMAGES]



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-Peripherin Polyclonal Antibody, Unconjugated(SL1527R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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