SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-C8orf84 antibody

Catalog Number: SL15304R

FOR RESEARCH USE ONLY

[DATASHEET]

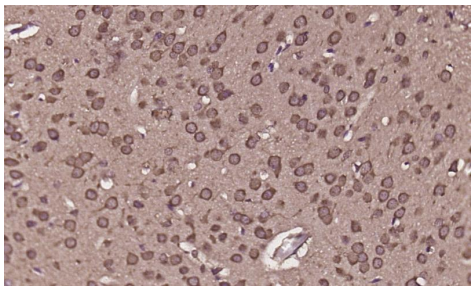
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	C8orf84
Immunogen:	KLH conjugated synthetic peptide derived from human c8orf84: 201-264/264
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 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,Sheep)
Predicted MW.:	27kDa
Subcellular Location:	cytoplasmic
Background:	RPE-spondin (RPESP) is a 264 amino acid protein encoded by a gene mapping to human chromosome 8. Made up of nearly 146 million bases, chromosome 8 encodes about 800 genes. Translocation of portions of chromosome 8 with amplifications of the c-Myc gene are found in some leukemias and lymphomas, and typically associated with a poor prognosis. Portions of chromosome 8 have been linked to schizophrenia and bipolar disorder. Trisomy 8, also known as Warkany syndrome 2, most often results in early miscarriage but is occasionally seen in a mosaic form in surviving patients who suffer to a varying degree from a number of symptoms including retarded mental and motor development, and certain facial and developmental defects. WRN is a DNA helicase encoded by chromosome 8 and shown defective in those with the early aging disorder Werner syndrome. Chromosome 8 is also associated with Pfeiffer syndrome, congenital

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	hypothyroidism and Waardenburg syndrome. **Subcellular Location:** Secreted, extracellular space, extracellular matrix. **Tissue Specificity:** Detected in aorta extracellular matrix (at protein level). **Similarity:** Belongs to the thrombospondin family. Contains 1 SMB (somatomedin-B) domain. Contains 1 TSP type-1 domain. **Database links:** **Entrez Gene:** 157869 Human **SwissProt:** Q8IVN8 Human **SwissProt:** Q3UPR9 Mouse

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C8orf84) Polyclonal Antibody, Unconjugated (SL15304R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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