

Anti-C1orf84 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 377 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	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 (C1orf84) Polyclonal Antibody, Unconjugated (TMAB-03362) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
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 C1orf84
Antigen Species:	Human
Gene ID:	23334
Uniprot ID:	Q5T011

Research Background

SZT2 (seizure threshold 2 homolog (mouse)), also known as SZT2A or SZT2B, is a 3,432 amino acid peroxisomal protein that plays a role in resistance to oxidative stress. Predominantly expressed in the parietal and frontal cortex, as well as in dorsal root ganglia of the brain, SZT2 is implicated in superoxide dismutase activity and the neuroprotection in peroxisomes. Existing as four alternatively spliced isoforms, SZT2 is thought to enhance epileptogenesis and is encoded by a gene that maps to human chromosome 1p34.2. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes, comprises nearly 8% of the human genome and houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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