Data Sheet (Cat.No.TMAB-14048)

Anti-VAPB Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 27 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 (VAPB) Polyclonal Antibody, Unconjugated (TMAB-14048) 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 VAPB
Antigen Species:	Human
Gene ID:	9217
Uniprot ID:	O95292

Research Background

VAPB contains 1 MSP domain and it may play a role in vesicle trafficking.
Defects in VAPB are a cause of proximal adult autosomal dominant spinal muscular atrophy [MIM:182980]; also called late onset spinal muscular atrophy Finkel type. Spinal muscular atrophies are neurodegenerative disorders characterized by degeneration of lower motor neurons, leading to progressive paralysis muscular atrophy. This form is a late adult onset form of the disease (after age 20 years). The patients show a benign course, most of them remaining ambulatory 10 to 40 years after clinical onset.

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