

Anti-MARCH8 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 33 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); 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; Incubation with (MARCH8) Polyclonal Antibody, Unconjugated (TMAB-08611) at 1: 200 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: 1:50-200

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 MARCH8
Antigen Species:	Human
Gene ID:	220972
Uniprot ID:	Q5T0T0

Research Background

The RING-type zinc finger motif is present in a number of viral and eukaryotic proteins and is made of a conserved cysteine-rich domain that is able to bind two zinc atoms. Proteins that contain this conserved domain are generally involved in the ubiquitination pathway of protein degradation. MARCH8 (membrane-associated ring finger (C3HC4) 8), also known as MIR or RNF178 (RING finger protein 178), is a 291 amino acid multi-pass membrane protein that localizes to vesicle membranes and contains one RING-CH-type zinc finger. Expressed in a variety of tissues, including immature dendritic cells, MARCH8 functions as an E3 ubiquitin ligase that is thought to regulate immune responses by promoting the ubiquitination and subsequent degradation of target proteins, such as B7-2 and CD71.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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