

Anti-FRMD4A Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Chicken,Dog,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 115 kDa. Actual: 115 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. 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 (FRMD4A) Polyclonal Antibody, Unconjugated (TMAB-06173) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. Sample: k562 (human) Cell Lysate at 30 µg</p> <p>Primary: Anti-FRMD4A (TMAB-06173) at 1/1000 dilution</p> <p>Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution</p> <p>Predicted band size: 115 kD</p> <p>Observed band size: 115 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; 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 FRMD4A
Antigen Species:	Human
Gene ID:	55691
Uniprot ID:	Q9P2Q2

Research Background

FRMD4A is a 1,039 amino acid protein that localizes to cytoplasm and contains one FERM domain. The gene encoding FRMD4A maps to human chromosome 10p13. Spanning nearly 135 million base pairs, chromosome 10 makes up approximately 4.5% of total DNA in cells and encodes nearly 1,200 genes. Defects in some of the genes that map to chromosome 10 are associated with Charcot-Marie Tooth disease, Jackson-Weiss syndrome, Usher syndrome, nonsyndromic deafness, Wolman's syndrome, Cowden syndrome, multiple endocrine neoplasia type 2 and porphyria

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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