

MAPRE3 Polyclonal Antibody

Catalog NumberPA5-19254

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse
Host/Isotope	Goat / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Western Blot (WB)	0.1-1.0 µg/mL
Immunogen	Synthetic peptide sequence (SGRLSNVAPPCILR) corresponding to the internal amino acids of MAPRE3	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine and canine based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 64,000.

Background/Target Information

EB3 is a 282 amino acid homologue of EB1, a protein known to bind APC (adenomatous polyposis coli). It has been shown to bind to tubulin in vitro and microtubules in vivo. Northern blotting shows expressions to be mainly in brain, and to a lesser degree in muscle. EB3 interacts with APCL, a homologue of the tumor suppressor APC, and this interaction may be involved in the stabilization or extension of microtubules.

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Product Images For MAPRE3 Polyclonal Antibody



**MAPRE3 Antibody (PA5-19254) in WB**  
Western blot analysis of MAPRE3 using MAPRE3 Polyclonal Antibody (Product # PA5-19254) (0.1 µg/mL) in staining of Human Brain (Amygdala) lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



**MAPRE3 Antibody (PA5-19254) in WB**  
Western blot analysis of MAPRE3 using MAPRE3 Polyclonal Antibody (Product # PA5-19254) (0.3 µg/mL) in staining of Mouse Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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