



MARE3 Polyclonal Antibody

Catalog No	BYab-07796
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	MAPRE3
Protein Name	Microtubule-associated protein RP/EB family member 3 (EB1 protein family member 3) (EBF3) (End-binding protein 3) (EB3) (RP3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	MARE3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	30kD
Cell Pathway	Cytoplasm, cytoskeleton . Associated with the microtubule network. Detected at the plus end of microtubules. .
Tissue Specificity	Predominantly expressed in brain and muscle.
Function	domain:Composed of two functionally independent domains. The N-terminal domain forms a hydrophobic cleft involved in microtubule binding and the C-terminal is involved in the formation of mutually exclusive complexes with APC and DCTN1.,function:May be involved in microtubule polymerization, and spindle function by stabilizing microtubules and anchoring them at centrosomes. May play a role in cell migration.,similarity:Belongs to the MAPRE family.,similarity:Contains 1 CH (calponin-homology) domain.,similarity:Contains 1 EB1 C-terminal domain.,subcellular location:Associated with the microtubule network.,subunit:Interacts with APC2 (By similarity). Interacts with DCTN1. Binds to the C-terminal domain of APC. Binds monomeric and polymerized tubulin.,tissue specificity:Predominantly expressed in brain and muscle.,

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Background

The protein encoded by this gene is a member of the RP/EB family of genes. The protein localizes to the cytoplasmic microtubule network and binds APCL, a homolog of the adenomatous polyposis coli tumor suppressor gene. [provided by RefSeq, Jul 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

