



DNMBP Polyclonal Antibody

Catalog No	YP-Ab-07675
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	DNMBP KIAA1010
Immunogen	Synthesized peptide derived from part region of human protein AA range: 940-990
Specificity	DNMBP 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	DNMBP;dynammin binding protein;KIAA1010;Scaffold protein Tuba;TUBA;DNMBP KIAA1010;Dynamin-binding protein (Scaffold protein Tuba)
Observed Band	180 kDa
Calculated Molecular Weight	823aa,94 kDa; 1577aa,177 kDa
Cell Pathway	Cytoplasm . Golgi apparatus, Golgi stack . Cytoplasm, cytoskeleton . Cell junction, synapse . Cell junction . Localizes to the apical junction, colocalizes with TJP1. .
Tissue Specificity	Detected in heart, brain, lung, liver, skeletal muscle, kidney and pancreas.
Function	function:Scaffold protein that links dynammin with actin-regulating proteins. May play a role in membrane trafficking between the cell surface and the Golgi., similarity:Contains 1 BAR domain.,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 6 SH3 domains.,subcellular location:Localized to synapses and Golgi stacks.,subunit:Binds DNM1 via its N-terminal SH3 domains. The C-terminal SH3 domain binds a complex containing actin, tubulin, Hsp70 and actin-regulatory proteins, such as ENAH, EVL, WASL, WIRE, CR16, WAVE1 and NAP1L1.,tissue specificity:Detected in heart, brain, lung, liver, skeletal muscle, kidney and pancreas.,

Background

This gene encodes a protein belonging to the guanine nucleotide exchange factor family, and which regulates the configuration of cell junctions. It contains multiple binding sites for dynamin and thus links dynamin to actin regulatory proteins. Polymorphisms in this gene have been linked to Alzheimer's disease in some populations, though there are conflicting reports of such linkages in other populations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],

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