



DNMBP Monoclonal Antibody

Catalog No	BYmab-07675
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DNMBP KIAA1010
Protein Name	Dynamin-binding protein (Scaffold protein Tuba)
Immunogen	Synthesized peptide derived from part region of human protein AA range: 940-990
Specificity	DNMBP Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	173kD
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 dynamin 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.,

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**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