



CBPA6 Monoclonal Antibody

Catalog No	BYmab-05428
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	CPA6 CPAH
Protein Name	Carboxypeptidase A6 (EC 3.4.17.1) (Carboxypeptidase B)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CBPA6 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	48kD
Cell Pathway	Secreted, extracellular space, extracellular matrix .
Tissue Specificity	Expressed in the hippocampus, nucleus raphe, and cortex.
Function	catalytic activity:Release of a C-terminal amino acid, but little or no action with -Asp, -Glu, -Arg, -Lys or -Pro.,cofactor:Binds 1 zinc ion per subunit.,disease:A chromosomal aberration disrupting CPA6 was found in a patient with Duane retraction syndrome (DURS) [MIM:126800]. Translocation t(6;8)(q26;q13).,similarity:Belongs to the peptidase M14 family.,
Background	The gene encodes a member of the peptidase M14 family of metallocarboxypeptidases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation

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t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome. [provided by RefSeq, May 2016],

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

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