



CPA5 Monoclonal Antibody

Catalog No	YP-mAb-03784
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CPA5
Immunogen	The antiserum was produced against synthesized peptide derived from human CPA5. AA range:91-140
Specificity	CPA5 Monoclonal Antibody detects endogenous levels of CPA5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA 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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Carboxypeptidase A5;CBPA5_HUMAN;CPA 5;CPA5;FLJ35969
Observed Band	50kD
Calculated Molecular Weight	50kD
Cell Pathway	Secreted .
Tissue Specificity	Expression is very low or not detectable.
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., similarity:Belongs to the peptidase M14 family.,tissue specificity:Expression is very low or not detectable.,
Background	Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA5, contain an approximately 90-amino acid pro region that assists in the folding of the active carboxypeptidase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002 [PubMed 11836249]).[supplied by OMIM, Mar 2008],



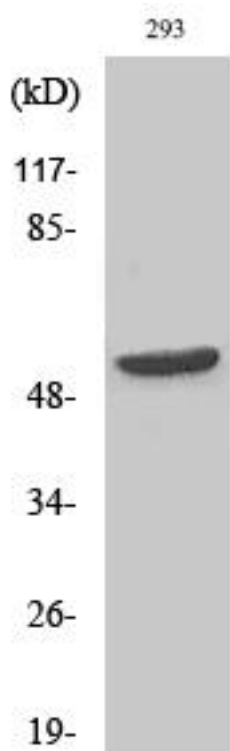
matters needing attention

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



Western Blot analysis of various cells using CPA5 Monoclonal Antibody