



TAFI Monoclonal Antibody

Catalog No	BYmab-04236
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CPB2
Protein Name	Carboxypeptidase B2
Immunogen	The antiserum was produced against synthesized peptide derived from human CPB2. AA range:321-370
Specificity	TAFI Monoclonal Antibody detects endogenous levels of TAFI 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CPB2; Carboxypeptidase B2; Carboxypeptidase U; CPU; Plasma carboxypeptidase B; pCPB; Thrombin-activable fibrinolysis inhibitor; TAFI
Observed Band	48kD
Cell Pathway	Secreted.
Tissue Specificity	Plasma; synthesized in the liver.
Function	catalytic activity:Release of C-terminal Arg and Lys from a polypeptide.,cofactor:Binds 1 zinc ion per subunit.,function:Cleaves C-terminal arginine or lysine residues from biologically active peptides such as kinins or anaphylatoxins in the circulation thereby regulating their activities.,similarity:Belongs to the peptidase M14 family.,tissue specificity:Plasma; synthesized in the liver.,
Background	Carboxypeptidases are enzymes that hydrolyze C-terminal peptide bonds. The carboxypeptidase family includes metallo-, serine, and cysteine carboxypeptidases. According to their substrate specificity, these enzymes are referred to as carboxypeptidase A (cleaving aliphatic residues) or

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carboxypeptidase B (cleaving basic amino residues). The protein encoded by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described for this gene and its promoter region. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013],

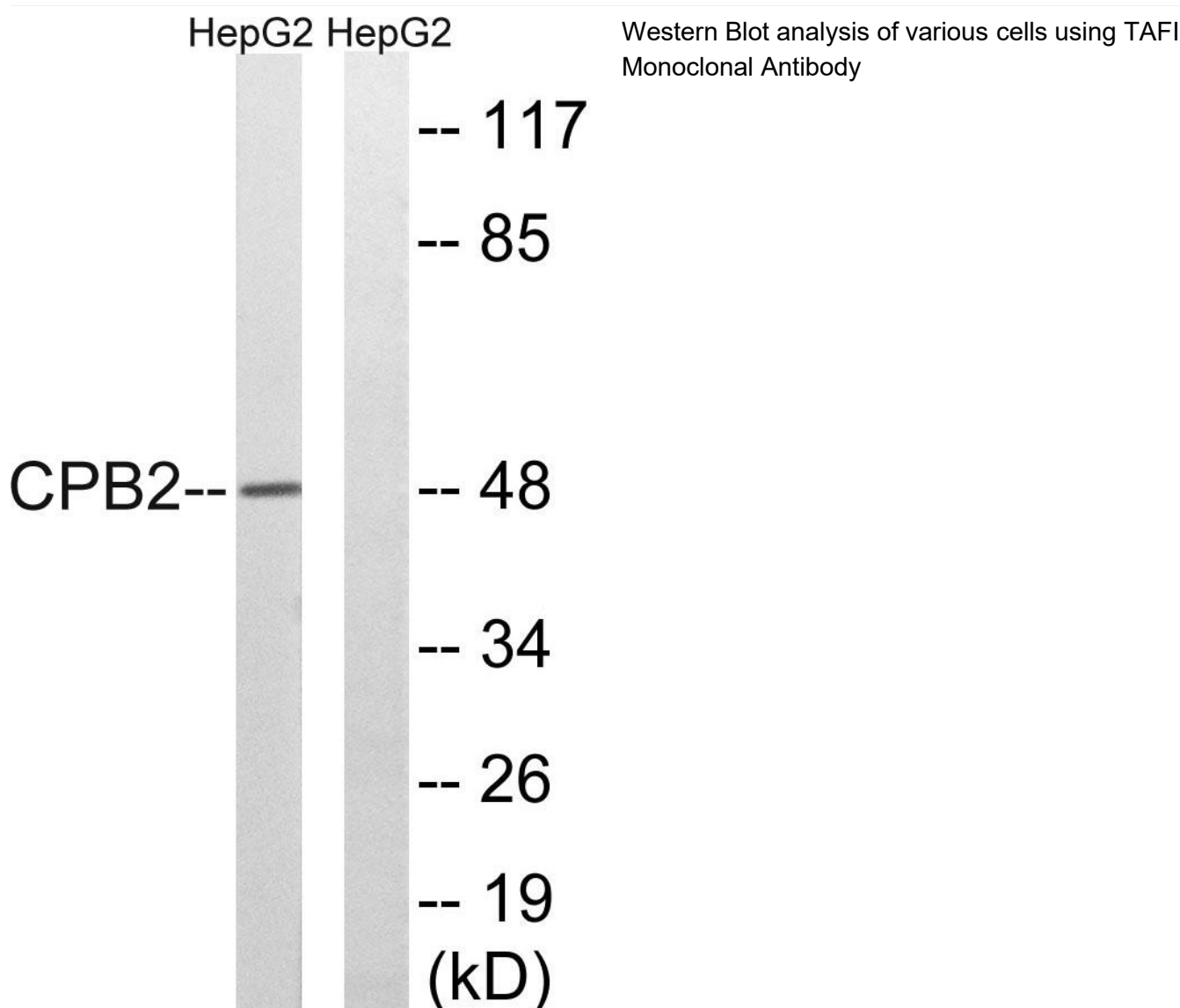
matters needing attention

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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