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Datasheet for ABIN7261580 anti-CPB2 antibody

Image



Overview

Quantity:	200 µL
Target:	CPB2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPB2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein of human CPB2 (NP_001863.2).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	CPB2
Alternative Name:	CPB2 (CPB2 Products)
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 carboxypeptidase B (cleaving basic amino residues). The protein encoded

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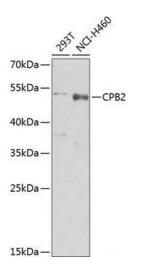
	by this gene is activated by trypsin and acts on carboxypeptidase B substrates. After thrombin
	activation, the mature protein downregulates fibrinolysis. Polymorphisms have been described
	for this gene and its promoter region. Alternate splicing results in multiple transcript variants.
Molecular Weight:	Observed_MW: 47 kDa
	Calculated_MW: 40 kDa/48 kDa
Gene ID:	1361
UniProt:	Q96IY4
Pathways:	Regulation of Actin Filament Polymerization, Carbohydrate Homeostasis

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines using CPB2 Polyclonal Antibody at dilution of 1:1000.

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