

Carboxypeptidase A1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51112

Product Information

Application	WB, IHC-P
Primary Accession	P15085
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47140

Additional Information

Gene ID	1357
Other Names	Carboxypeptidase A1, CPA1, CPA
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Carboxypeptidase A1. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CPA1 (HGNC:2296)
Synonyms	CPA
Function	Carboxypeptidase that catalyzes the release of a C-terminal amino acid, but has little or no action with -Asp, -Glu, -Arg, -Lys or -Pro (PubMed: 20385563 , PubMed: 8806703). Catalyzes the conversion of leukotriene C4 to leukotriene F4 via the hydrolysis of an amide bond (By similarity).
Cellular Location	Secreted {ECO:0000250 UniProtKB:Q9UI42}.

Background

Carboxypeptidase that catalyzes the release of a C- terminal amino acid, but has little or no action with -Asp, -Glu, -Arg, -Lys or -Pro.

References

- Catasus L.,et al.Biochem. J. 287:299-303(1992).
Laethem R.M.,et al.Arch. Biochem. Biophys. 332:8-18(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Scherer S.W.,et al.Science 300:767-772(2003).

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