



# CPA5 rabbit pAb

Cat No.:ES2038

For research use only

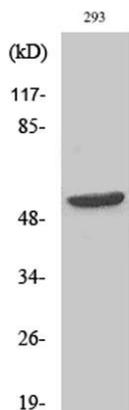
## Overview

<b>Product Name</b>	CPA5 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CPA5. AA range:91-140
<b>Specificity</b>	CPA5 Polyclonal Antibody detects endogenous levels of CPA5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Carboxypeptidase A5
<b>Gene Name</b>	CPA5
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	93979
<b>Human Swiss-Prot Number</b>	Q8WXQ8
<b>Alternative Names</b>	CPA5; Carboxypeptidase A5
<b>Background</b>	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

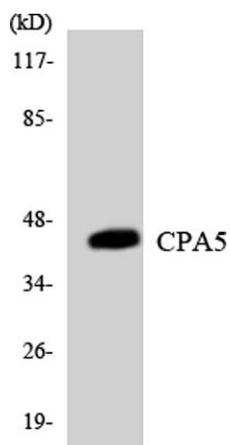




[PubMed 11836249]).[supplied by OMIM, Mar 2008],



Western Blot analysis of various cells using CPA5 Polyclonal Antibody



Western blot analysis of the lysates from COLO205 cells using CPA5 antibody.

