



Anti-PRCP (aa 46-317) polyclonal antibody (DPABH-14201)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH.
Immunogen	Recombinant fragment within Human PRCP aa 46-317. The exact sequence is proprietary. (With tag; BC001500).Database link: P42785
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Constituents: 50% Glycerol, 49% PBS. Note: PBS without Mg2+ and Ca8+.
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Store at 4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	PRCP prolylcarboxypeptidase (angiotensinase C) [Homo sapiens]
Official Symbol	PRCP
Synonyms	PRCP; prolylcarboxypeptidase (angiotensinase C); lysosomal Pro-X carboxypeptidase; HUMPCP; PCP; angiotensinase C; proline carboxypeptidase; lysosomal carboxypeptidase C; prolylcarboxypeptidase isoform 1 preproprotein; MGC2202;
Entrez Gene ID	5547
Protein Refseq	NP_005031
UniProt ID	A0A024R5L0
Chromosome Location	11q14
Pathway	Formation of Fibrin Clot (Clotting Cascade); Hemostasis; Intrinsic Pathway; Protein digestion and absorption;
Function	peptidase activity; protein binding; serine-type carboxypeptidase activity; serine-type peptidase activity;