

Rabbit anti-Human CPM Polyclonal Antibody | anti-CPM antibody

CPM Antibody (Center)

CATALOG # AAA289668	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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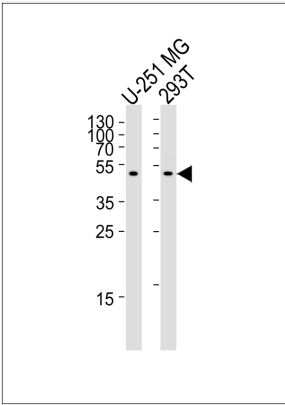
PRODUCT SYNONYMS

CPM; Polyclonal Antibody; CPM Antibody (Center); Carboxypeptidase M; anti-CPM antibody

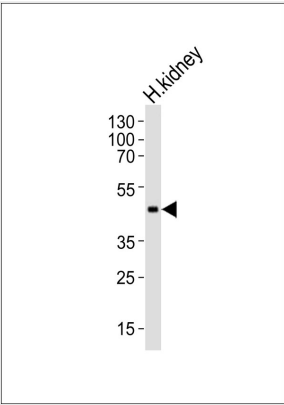
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CPM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-241 amino acids from the Central region of human CPM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	212-241
Sequence Length	443
Applicable Applications for anti-CPM antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from U-251 MG, 293T cell line (from left to right), using CPM Antibody (Center). AAA289668 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysate from human kidney tissue lysate, using CPM Antibody (Center). AAA289668 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-CPM antibody	The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq].
Product Categories/Family for anti-CPM antibody	Immunology; Signal Transduction
References	Rietschel, M., et al. Biol. Psychiatry 68(6):578-585(2010) Erickson-Johnson, M.R., et al. Mod. Pathol. 22(12):1541-1547(2009) Marquez-Curtis, L., et al. Stem Cells 26(5):1211-1220(2008) Zhang, X., et al. J. Biol. Chem. 283(12):7994-8004(2008) Elortza, F., et al. J. Proteome Res. 5(4):935-943(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832021
NCBI GeneID	1368
NCBI Accession #	NP_001005502.1; NP_001865.1; NP_938079.1
NCBI GenBank Nucleotide #	NM_001005502.2
UniProt Accession #	P14384; Q9H2K9; B2R800
Molecular Weight	50514
NCBI Official Full Name	carboxypeptidase M
NCBI Official Synonym Full Names	carboxypeptidase M
NCBI Official Symbol	CPM
NCBI Protein Information	carboxypeptidase M
UniProt Protein Name	Carboxypeptidase M
UniProt Gene Name	CPM
UniProt Synonym Gene Names	CPM
UniProt Entry Name	CBPM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpm-antibody-western-blot-elisa/289668>