CBPA4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBPA4, Polyclonal Antibody
Full Product Name	CBPA4 Polyclonal Antibody
Product Gene Name	anti-CBPA4 antibody
Product Synonym Names	Carboxypeptidase A4; EC 3.4.17.-; Carboxypeptidase A3; CPA4; CPA3; UNQ694/PRO1339
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	46
OMIM	607635
3D Structure	ModBase 3D Structure for Q9UI42
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CBPA4 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-CBPA4 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-CBPA4 antibody	MBS8529888 is an antibody targeting CBPA4. Also known as CBPA4 Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-CBPA4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBPA4. It may not necessarily be applicable to this product.

NCBI GI #	254540196
NCBI GeneID	51200
NCBI Accession #	NP_001156918.1
UniProt Primary Accession #	Q9UI42
UniProt Secondary Accession #	Q86UY9; B7Z576
UniProt Related Accession #	Q9UI42
GenBank Nucleotide #	NM_001163446.1
NCBI Official Full Name	carboxypeptidase A4 isoform 2

NCBI Official Synonym Full Names	carboxypeptidase A4
NCBI Official Symbol	CPA4
NCBI Official Synonym Symbols	CPA3
UniProt Protein Name	Carboxypeptidase A4
UniProt Synonym Protein Names	Carboxypeptidase A3
UniProt Gene Name	CPA4
UniProt Synonym Gene Names	CPA3
NCBI Protein Information	carboxypeptidase A4
NCBI Summary for CBPA4	This gene is a member of the carboxypeptidase A/B subfamily, and it is located in a cluster with three other family members on chromosome 7. Carboxypeptidases are zinc-containing exopeptidases that catalyze the release of carboxy-terminal amino acids, and are synthesized as zymogens that are activated by proteolytic cleavage. This gene could be involved in the histone hyperacetylation pathway. It is imprinted and may be a strong candidate gene for prostate cancer aggressiveness. [provided by RefSeq, Jul 2008]
UniProt Comments for CBPA4	Metalloprotease that could be involved in the histone hyperacetylation pathway (PubMed:10383164). Releases a C-terminal amino acid, with preference for -Phe, -Leu, -Ile, -Met, -Tyr and -Val (PubMed:20385563).
Research Articles on CBPA4	**1.** Serum CPA4 concentration combined with lymph node involvement may be used as accurate predictors of liver metastasis in colorectal cancer.
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