

Rabbit anti-Human PSA Polyclonal Antibody | anti-NPEPPS antibody

PSA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284411	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PSA; Polyclonal Antibody; PSA Antibody (C-term); Puromycin-sensitive aminopeptidase; Cytosol alanyl aminopeptidase; AAP-S; NPEPPS; anti-NPEPPS antibody

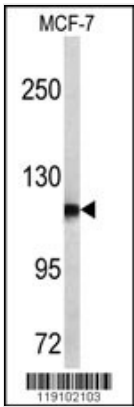
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 709-737 amino acids from the C-terminal region of human PSA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	709-737
Sequence Length	839
Applicable Applications for anti-NPEPPS antibody	IHC (Immunohistochemistry), 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



IHC (Immunohiostchemistry)
PSA Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human Skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PSA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PSA antibody (C-term) in MCF-7 cell line lysates (35ug/lane). PSA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NPEPPS antibody	PSA is the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle.
Product Categories/Family for anti-NPEPPS antibody	Neuroscience
References	Thompson,M.W., Peptides 24 (9), 1359-1365 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	158937236
NCBI GeneID	9520
NCBI Accession #	NP_006301.3
NCBI GenBank Nucleotide #	NM_006310.3
UniProt Accession #	P55786; Q6P145; Q9NP16; Q9UEM2; B7Z463
Molecular Weight	103276
NCBI Official Full Name	puromycin-sensitive aminopeptidase
NCBI Official Synonym Full Names	aminopeptidase puromycin sensitive
NCBI Official Symbol	NPEPPS
NCBI Official Synonym Symbols	PSA; AAP-S; MP100
NCBI Protein Information	puromycin-sensitive aminopeptidase
UniProt Protein Name	Puromycin-sensitive aminopeptidase
UniProt Gene Name	NPEPPS
UniProt Synonym Gene Names	PSA; PSA; AAP-S
UniProt Entry Name	PSA_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/psa-antibody-immunohistochemistry-western-blot-elisa/284411>