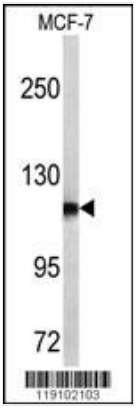
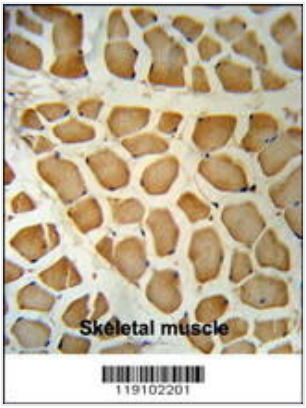
AAP-S Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	AAP-S, Polyclonal Antibody
Full Product Name	AAP-S, CT (Puromycin-sensitive Aminopeptidase, Cytosol Alanyl Aminopeptidase, PSA, NPEPPS) (AP)
Product Gene Name	anti-AAP-S antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase.
Purity/Purification	Purified by Ammonium Sulfate Precipitation.
Specificity	Recognizes human PSA.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	94,516 Da
OMIM	606793
3D Structure	ModBase 3D Structure for P55786
Immunogen	KLH-conjugated synthetic peptide located between corresponding to a portion of amino acids within aa716-745 in the C-terminal region of human PSA
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-AAP-S antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-AAP-S antibody	Immunohistochemistry (IHC) Paraffin, ELISA (EIA), Western Blot (WB)
Application Notes for anti-AAP-S antibody	IHC-P: 1:50-1:100 ELISA: 1:1,000 WB: 1:50-1:100 Applications are based on unconjugated antibody.
Related Product Information for anti-AAP-S antibody	MBS6462656 is an antibody targeting AAP-S. Also known as AAP-S, CT (Puromycin-sensitive Aminopeptidase, Cytosol Alanyl Aminopeptidase, PSA, NPEPPS) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-AAP-S antibody	1. Thompson, M.W., Peptides 24(9), 1359-1365 (2003).
Other Notes	Small volumes of anti-AAP-S 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.



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



Immunohistochemistry (IHC) of anti-AAP-S antibody
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.

ADDITIONAL DETAILS

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

NCBI GI #	158937236
NCBI GeneID	9520
NCBI Accession #	NP_006301
UniProt Primary Accession #	P55786
UniProt Secondary Accession #	Q6P145; Q9NP16; Q9UEM2; B7Z463
UniProt Related Accession #	P55786
GenBank Nucleotide #	NM_006310
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
UniProt Protein Name	Puromycin-sensitive aminopeptidase
UniProt Synonym Protein Names	Cytosol alanyl aminopeptidase; AAP-S
Protein Family	Puromycin-sensitive aminopeptidase
UniProt Gene Name	NPEPPS
UniProt Synonym Gene Names	PSA; PSA; AAP-S
UniProt Entry Name	PSA_HUMAN
NCBI Protein Information	puromycin-sensitive aminopeptidase; cytosol alanyl aminopeptidase; metalloproteinase MP100
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/aap-s/6462656