

Rabbit PSA Polyclonal Antibody | anti-PSA antibody

PSA Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293854	Rabbit	Human Predicted Reactivity: Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

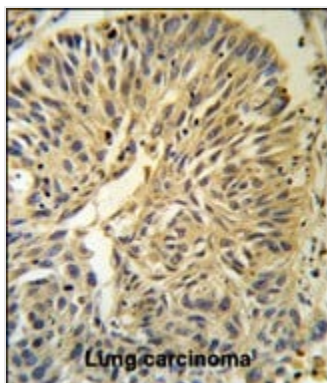
PRODUCT SYNONYMS

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

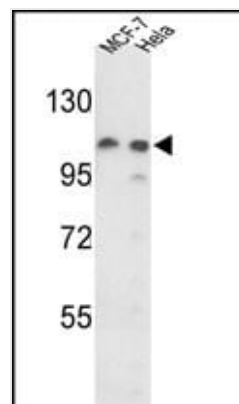
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This PSA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 536-565 amino acids from the Central 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.
Applicable Applications for anti-PSA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antigen Region	536-565
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

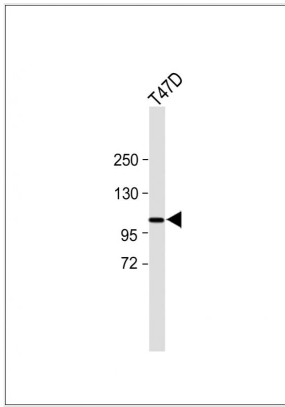
IMAGES


IHC (Immunohistochemistry)

Dilution: IHC-P: 1:50~100 PSA Antibody (Center) (Cat. #AAA293854) IHC analysis in formalin fixed and paraffin embedded human Lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PSA Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

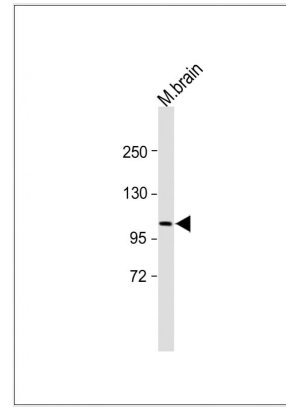

WB (Western Blot)

Dilution: WB: 1:1000



WB (Western Blot)

Dilution: WB 1:2000 All lanes : Anti-PSA Antibody (Center) at 1:2000 dilution Lane 1: T47D whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG/A/M(H/L), Peroxidase conjugated at 1/2000 dilution. Observed band size : 110kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Dilution: WB 1:2000 All lanes : Anti-PSA Antibody (Center) at 1:2000 dilution Lane 1: mouse brain tissue lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Mouse IgG/A/M(H/L), Peroxidase conjugated at 1/2000 dilution. Observed band size : 110kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PSA 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-PSA antibody	Primary Antibodies ; 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 ; Q11011
Molecular Weight	94,516 Da
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.

