

Rabbit anti-Human XPNPEP1 Monoclonal Antibody | anti-XPNPEP1 antibody

Anti-XPNPEP1 [SAIC-07E-1]

CATALOG # AAA72068	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

XPNPEP1; Monoclonal Antibody; Anti-XPNPEP1 [SAIC-07E-1]; Xaa-Pro aminopeptidase 1; XPNPEPL; XPNPEPL1; anti-XPNPEP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SAIC-07E-1
Specificity	Recognizes human XPNPEP1.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-XPNPEP1 antibody	WB (Western Blot), ELISA
PMID	25512614
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot using anti-XPNPEP1 antibody SAIC-07E-1 (AAA72068). HeLa(A) (0.003ug/ml), Jurkat(B) (0.001ug/ml), MCF7(C) (0.001ug/ml), HepG2(D) (0.003ug/ml), A549(E) (0.001ug/ml) and HEK293(F) (0.003ug/ml) cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-07E-1 (), before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Flow cytometry using the Anti-XPNPEP1 antibody SAIC-07E-1 (AAA72068). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody or the rabbit IgG version of SAIC-07E-1 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-XPNPEP1 antibody	Recombinant monoclonal antibody to XPNPEP1. Recombinant Platform with variable regions (i.e. specificity) from the B-cell cDNA library SAIC-07E-1. Peptide "TSLSLDEVYLIDSGAQYK" derived from Xaa-Pro aminopeptidase 1 conjugated to KLH.
Product Categories/Family for anti-XPNPEP1 antibody	immunoMRM

References	Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	264681565
NCBI GeneID	7511
NCBI Accession #	NP_001161076.1
NCBI GenBank Nucleotide #	NM_001167604.1
UniProt Accession #	Q9NQW7; O15250; Q53EX6; Q8N3Q0; Q96D23; A8K071; G5E9Y2; G8JLB2
Molecular Weight	72,107 Da
NCBI Official Full Name	xaa-Pro aminopeptidase 1 isoform 2
NCBI Official Synonym Full Names	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
NCBI Official Symbol	XPNPEP1
NCBI Official Synonym Symbols	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
NCBI Protein Information	xaa-Pro aminopeptidase 1
UniProt Protein Name	Xaa-Pro aminopeptidase 1
UniProt Gene Name	XPNPEP1
UniProt Synonym Gene Names	sAmp
UniProt Entry Name	XPP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/xpnpep1-antibody-clone-saic-07e-1-western-blot-elisa/72068>