ARG57490
anti-XPNPEP1 antibody [9C7]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [9C7] recognizes XPNPEP1
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	9C7
Isotype	IgG2b, kappa
Target Name	XPNPEP1
Species	Human
Immunogen	Recombinant Human XPNPEP1 (aa. 1-623) purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	XPNPEPL; Soluble aminopeptidase P; EC 3.4.11.9; sAmp; XPNPEPL1; Cytosolic aminopeptidase P; Xaa-Pro aminopeptidase 1; APP1; Aminoacylproline aminopeptidase; X-Pro aminopeptidase 1; X-prolyl aminopeptidase 1, soluble; SAMP; XPNPEP

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

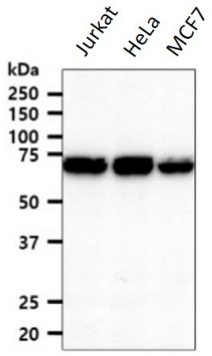
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	XPNPEP1
Gene Full Name	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble
Background	This gene encodes the cytosolic form of a metalloaminopeptidase that catalyzes the cleavage of the N-terminal amino acid adjacent to a proline residue. The gene product may play a role in degradation and maturation of tachykinins, neuropeptides, and peptide hormones. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Nov 2009]
Function	Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. [UniProt]
Calculated Mw	70 kDa

Images



ARG57490 anti-XPNPEP1 antibody [9C7] WB image

Western blot: 40 µg of Jurkat, HeLa and MCF7 cell lysates stained with ARG57490 anti-XPNPEP1 antibody [9C7] at 1:1000 dilution.