

# Product Datasheet

## Aminopeptidase P1/XPNPEP1 Antibody (SAIC-07B-14) - Azide and BSA Free **NBP3-20090-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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Updated 10/19/2023 v.20.1

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**NBP3-20090-0.2mg**

Aminopeptidase P1/XPNPEP1 Antibody (SAIC-07B-14) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SAIC-07B-14
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

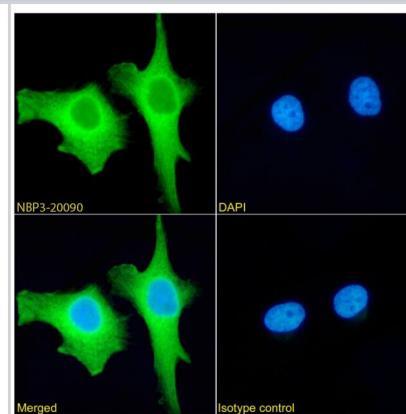
<b>Host</b>	Rabbit
<b>Gene ID</b>	7511
<b>Gene Symbol</b>	XPNPEP1
<b>Species</b>	Human
<b>Immunogen</b>	Peptide "GSLTFEPLTLVPIQTK" derived from Xaa-Pro aminopeptidase 1 conjugated to KLH.

**Product Application Details**

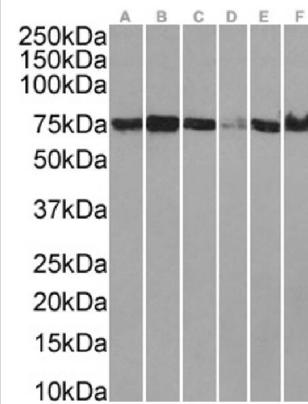
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Mass Spectrometry
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Mass Spectrometry
<b>Application Notes</b>	This Ab can be used in immunoMRM.

## Images

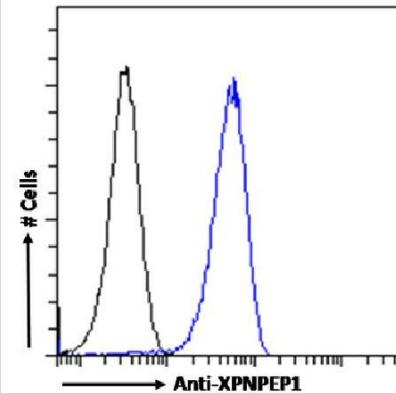
Immunocytochemistry/Immunofluorescence: Aminopeptidase P1/XPNPEP1 Antibody (SAIC-07B-14) - Azide and BSA Free [NBP3-20090] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-07B-14 (NBP3-20090) (1:100 dilution) for 1h followed by Alexa Fluor(R) 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20090, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Western Blot: Aminopeptidase P1/XPNPEP1 Antibody (SAIC-07B-14) - Azide and BSA Free [NBP3-20090] - HeLa(A), Jurkat(B), MCF7(C), HepG2(D), A549(E) and HEK293(F) 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-07B-14 (NBP3-20090) at 0.01ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



Flow Cytometry: Aminopeptidase P1/XPNPEP1 Antibody (SAIC-07B-14) - Azide and BSA Free [NBP3-20090] - Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of SAIC-07B-14 (NBP3-20090, 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(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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## Products Related to NBP3-20090-0.2mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-52110-0.1mg	Recombinant Human Aminopeptidase P1/XPNPEP1 His Protein

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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