ARG64953
anti-XPNPEP1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes XPNPEP1
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow, Dog
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize isoform 1 and 2 (NP_065116.2; NP_001161076.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	XPNPEP1
Species	Human
Immunogen	C-LIRETQPISKQH
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
IHC-P	5 µg/ml
WB	0.1 - 0.3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 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 or below. 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.

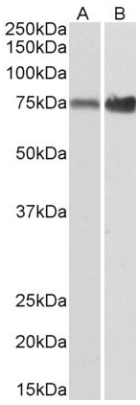
Bioinformation

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]
Research Area	Metabolism antibody; Signaling Transduction antibody
Calculated Mw	70 kDa

Images

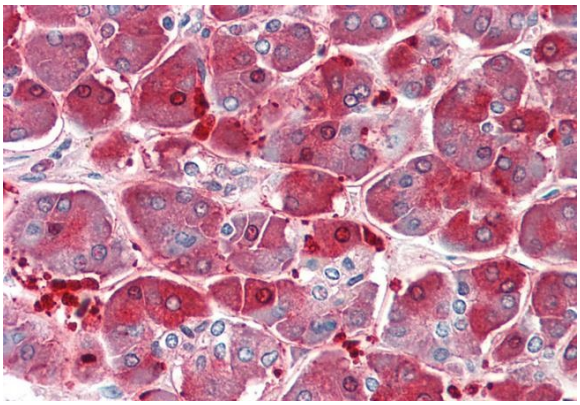
ARG64953 anti-XPNPEP1 antibody WB image

Western Blot: Human Pancreas lysate (35 µg protein in RIPA buffer) stained with ARG64953 anti-XPNPEP1 antibody at 0.3 µg/ml dilution.



ARG64953 anti-XPNPEP1 antibody WB image

Western Blot: Mouse (A) and Rat (B) Small Intestine lysates (35 µg protein in RIPA buffer) stained with ARG64953 anti-XPNPEP1 antibody at 0.1 µg/ml dilution.



ARG64953 anti-XPNPEP1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human pancreas tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64953 anti-XPNPEP1 antibody at 5 µg/ml dilution followed by AP-staining.

ARG64953 anti-XPNPEP1 antibody WB image

Western blot: 35 µg of Pig pancreas lysate (in RIPA buffer) stained with ARG64953 anti-XPNPEP1 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.