ARG44351
anti-XPNPEP3 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes XPNPEP3
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	XPNPEP3
Species	Human
Immunogen	Human XPNPEP3 recombinant fusion protein (a.a. sequence: 1-250).
Conjugation	Un-conjugated
Alternate Names	XPNPEP3; X-Prolyl Aminopeptidase 3; APP3; NPHPL1; ICP55; X-Prolyl Aminopeptidase 3, Mitochondrial; Intermediate Cleaving Peptidase 55; Xaa-Pro Aminopeptidase 3; X-Pro Aminopeptidase 3; X-Prolyl Aminopeptidase (Aminopeptidase P) 3, Putative; Probable Xaa-Pro Aminopeptidase 3; Aminopeptidase P3; EC 3.4.11.9

Application Instructions

Application table

Application	Dilution
ICC/IF	1:50 - 1:100
WB	1:500 - 1:2000

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

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.01% Thimerosal and 50% Glycerol.
Preservative	0.01% Thimerosal
Stabilizer	50% Glycerol
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	XPNPEP3
Gene Full Name	X-Prolyl Aminopeptidase 3
Background	The protein encoded by this gene belongs to the family of X-pro-aminopeptidases that utilize a metal cofactor, and remove the N-terminal amino acid from peptides with a proline residue in the penultimate position. This protein has been shown to localize to the mitochondria of renal cells, and have a role in ciliary function. Mutations in this gene are associated with nephronophthisis-like nephropathy-1. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene, however, expression of some of these isoforms in vivo is not known.
Function	Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala.
Calculated Mw	57 kDa
Cellular Localization	Cytoplasm, Mitochondrion