

XPNPEP3 Antibody (aa12-507)
Rabbit Polyclonal Antibody
Catalog # ALS16211**Specification**

XPNPEP3 Antibody (aa12-507) - Product Information

Application	WB, ICC, IHC
Primary Accession	Q9NOH7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

XPNPEP3 Antibody (aa12-507) - Additional Information**Gene ID** 63929**Other Names**

Probable Xaa-Pro aminopeptidase 3, X-Pro aminopeptidase 3, 3.4.11.9, Aminopeptidase P3, APP3, XPNPEP3

Target/Specificity

Human XPNPEP3

Reconstitution & Storage

Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

XPNPEP3 Antibody (aa12-507) is for research use only and not for use in diagnostic or therapeutic procedures.

XPNPEP3 Antibody (aa12-507) - Protein Information**Name** XPNPEP3**Function**

Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Leu-Pro-Ala (PubMed:25609706, PubMed:28476889). Also shows low activity towards peptides with Ala or Ser at the P1 position (PubMed:28476889).

Cellular Location

[Isoform 1]: Mitochondrion. Cytoplasm. Note=Mainly mitochondrial. Translocates to the cytoplasm following TNFRSF1B activation

Tissue Location

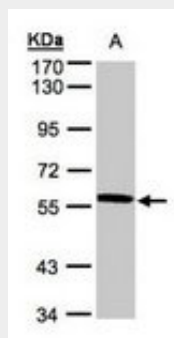
Isoform 1 and isoform 2 are widely expressed, with isoform 1 being more abundant.

XPNPEP3 Antibody (aa12-507) - Protocols

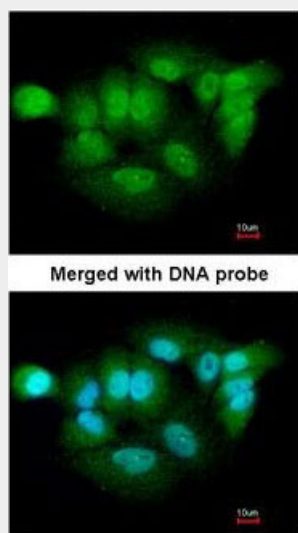
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

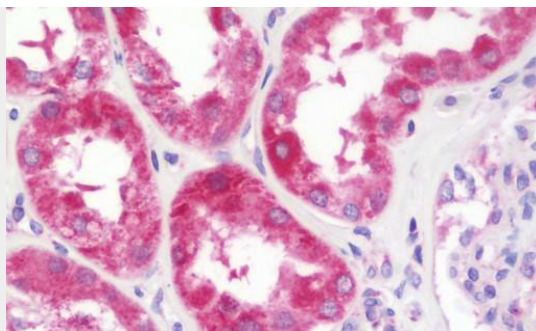
XPNPEP3 Antibody (aa12-507) - Images



Sample (30 ug whole cell lysate). A: A431. 7.5% SDS PAGE. XPNPEP3 antibody diluted at 1:500



Immunofluorescence of paraformaldehyde-fixed A549 using XPNPEP3 antibody at 1:200 dilution.



Anti-XPNPEP3 antibody IHC staining of human kidney.

XPNPEP3 Antibody (aa12-507) - References

Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Dunham I.,et al.Nature 402:489-495(1999).