

AMN antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13110**Specification**

AMN antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9BXJ7
Other Accession	NM_030943 , NP_112205
Reactivity	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa kDa

AMN antibody - N-terminal region - Additional Information**Gene ID** 81693

Alias Symbol	PRO1028
Other Names	
Protein amnionless, AMN	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-AMN antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

AMN antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

AMN antibody - N-terminal region - Protein Information**Name** AMN**Function**

Membrane-bound component of the endocytic receptor formed by AMN and CUBN (PubMed:14576052, PubMed:30523278, PubMed:29402915). Required for normal CUBN glycosylation and trafficking to the cell surface (PubMed:14576052, PubMed:29402915). The complex

formed by AMN and CUBN is required for efficient absorption of vitamin B12 (PubMed:12590260, PubMed:14576052, PubMed:26040326). Required for normal CUBN-mediated protein transport in the kidney (Probable).

Cellular Location

[Isoform 1]: Apical cell membrane; Single-pass type I membrane protein. Cell membrane; Single-pass type I membrane protein. Endosome membrane Membrane, coated pit

Tissue Location

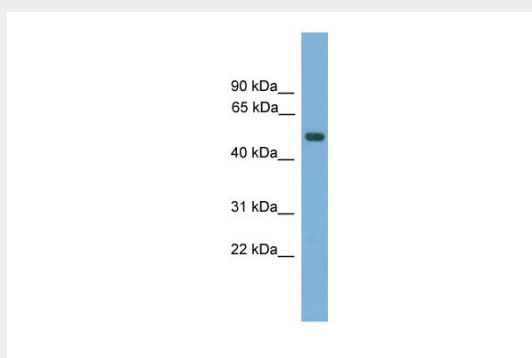
Detected in proximal tubules in the kidney cortex (at protein level) (PubMed:14576052, PubMed:29402915). Long isoforms are highly expressed in small intestine, colon and kidney (renal proximal tubule epithelial cells). Shorter isoforms are detected at lower levels in testis, thymus and peripheral blood leukocytes

AMN antibody - N-terminal region - 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](#)

AMN antibody - N-terminal region - Images



WB Suggested Anti-AMN Antibody Titration: 0.2-1 µg/ml
Positive Control: Human Liver

AMN antibody - N-terminal region - References

Kalantry S., et al. Nat. Genet. 27:412-416(2001).
Heilig R., et al. Nature 421:601-607(2003).
Clark H.F., et al. Genome Res. 13:2265-2270(2003).
Tanner S.M., et al. Nat. Genet. 33:426-429(2003).
Fyfe J.C., et al. Blood 103:1573-1579(2004).