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# Datasheet for ABIN2783997 anti-AMN antibody (N-Term)

Image



#### Overview

Quantity:	100 μL
Target:	AMN
Binding Specificity:	N-Term
Reactivity:	Human, Dog, Mouse, Rat, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AMN antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human AMN
Sequence:	NWSQNRTPCA GGAVEFPADK MVSVLVQEGH AVSDMLLPLD GELVLASGAG
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rat: 86%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against AMN. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	
Target:	AMN

Alternative Name:	AMN (AMN Products)

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## Target Details

Background:	The protein encoded by this gene is a type I transmembrane protein. It is thought to modulate
	bone morphogenetic protein (BMP) receptor function by serving as an accessory or coreceptor,
	and thus facilitates or hinders BMP binding. It is known that the mouse AMN gene is expressed
	in the extraembryonic visceral endoderm layer during gastrulation, but it is found to be mutated
	in amnionless mouse. The encoded protein has sequence similarity to short gastrulation (Sog)
	and procollagen IIA proteins in Drosophila.
	Alias Symbols: PR01028
	Protein Interaction Partner: STAMBP,
	Protein Size: 453
Molecular Weight:	46 kDa
Gene ID:	81693
NCBI Accession:	NM_030943, NP_112205
UniProt:	Q9BXJ7
Pathways:	Lipid Metabolism

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 453 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 $\%$ (w/v) sodium azide and 2 $\%$ sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

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For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### Images



#### Western Blotting

**Image 1.** WB Suggested Anti-AMN Antibody Titration: 0.2-1 ug/ml Positive Control: Human Liver