

For Research Use Only

AMN Polyclonal antibody

Catalog Number: 32038-1-AP



Basic Information

Catalog Number: 32038-1-AP	GenBank Accession Number: NM_030943.3	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 81693	Recommended Dilutions: WB 1:500-1:3000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9BX07	
Isotype: IgG	Full Name: amnionless homolog (mouse)	
Immunogen Catalog Number: AG35205	Calculated MW: 48 kDa	
	Observed MW: 48 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HuH-7 cells, Jurkat cells IF/ICC : HeLa cells,

Background Information

Amnion associated transmembrane protein (AMN, also known as IGS2, PRO1028, and amnionless) is a 45-50 kDa cysteine-rich type I transmembrane protein that is expressed exclusively in the extra-embryonic visceral endoderm layer during gastrulation (PMID: 17990981; 11279523). It may direct the production of trunk mesoderm derived from the middle streak by acting in the underlying visceral endoderm to modulate a BMP signaling pathway (PMID: 11279523).

Storage

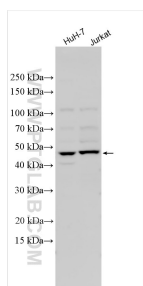
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

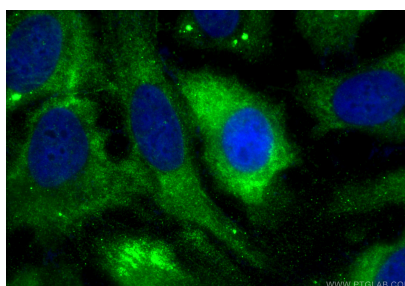
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32038-1-AP (AMN antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using AMN antibody (32038-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).