

For Research Use Only

# AMN Polyclonal antibody

Catalog Number: 32038-1-AP



## Basic Information

**Catalog Number:**

32038-1-AP

**Size:**

500 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG35205

**GenBank Accession Number:**

NM\_030943.3

**GeneID (NCBI):**

81693

**UNIPROT ID:**

Q9BXJ7

**Full Name:**

amniotless homolog (mouse)

**Calculated MW:**

48 kDa

**Observed MW:**

48 kDa

**Purification Method:**

Antigen affinity Purification

**Recommended Dilutions:**

WB 1:500-1:3000

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HuH-7 cells, Jurkat cells

IF/ICC : HeLa cells,

## Background Information

Amnion associated transmembrane protein (AMN, also known as IGS2, PRO1028, and amniotless) 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

For technical support and original validation data for this product please contact:

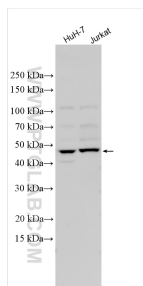
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

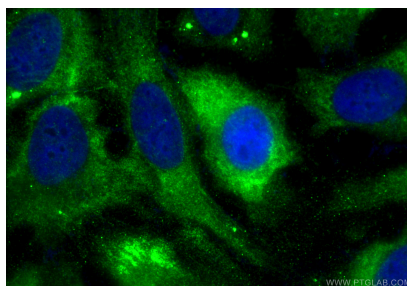
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## Selected Validation Data



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).