

## Anti-AMT antibody (107-386) (STJ111967)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

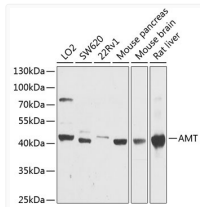
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 44kDa Observed Mw: 44kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

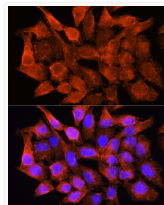
Gene ID	<a href="#">275</a>
Gene Symbol	<a href="#">AMT</a>
UniProt ID	<a href="#">GCST_HUMAN</a>
Immunogen Region	107-386
Immunogen Sequence	AELRPNQGTLSLFTNEAGGI LDDLIVTNTSEGHLYVVSNA GCWEKDLALMQDKVRELQNG GRDVGLEVLNALLALQGPT AAQVLQAGVADDLRKLPMFT SAVMEVFGVSGCRVTRCGYT GEDGVEISVPVAGAVHLATA ILKNPEVKLAGLAARDSLRL EAGLCLYGNDIDEHTTPVEG SLSWTLGKRRAAMDFFPGAK VIVPQLKGRVQRRRVGLMCE GAPMRAHSPILNMEGKIG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 107-386 of human AMT (NP_001158184.1).

### ADDITIONAL INFORMATION

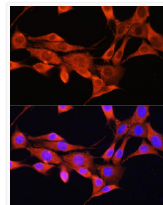
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using AMT Rabbit pAb (STJ111967) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.  
Lysates/proteins: 25  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit  
Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using AMT Rabbit pAb (STJ111967) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using AMT Rabbit pAb (STJ111967) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.