Datasheet for ABIN6136850

anti-Aminomethyltransferase antibody (AA 107-386)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	Aminomethyltransferase (AMT)
Binding Specificity:	AA 107-386
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Aminomethyltransferase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 107-386 of human AMT (NP_001158184.1).
Sequence:	AELRPNQGTL SLFTNEAGGI LDDLIVTNTS EGHLYVVSNA GCWEKDLALM QDKVRELQNQ GRDVGLEVLD NALLALQGPT AAQVLQAGVA DDLRKLPFMT SAVMEVFGVS GCRVTRCGYT GEDGVEISVP VAGAVHLATA ILKNPEVKLA GLAARDSLRL EAGLCLYGND IDEHTTPVEG SLSWTLGKRR RAAMDFPGAK VIVPQLKGRV QRRRVGLMCE GAPMRAHSPI LNMEGTKIGT VTSGCPSPSL KKNVAMGYVP CEYSRPGTML LVELPSGPCF
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Aminomethyltransferase (AMT)
Alternative Name:	AMT (AMT Products)
Background:	This gene encodes one of four critical components of the glycine cleavage system. Mutations in this gene have been associated with glycine encephalopathy. Multiple transcript variants encoding different isoforms have been found for this gene.,AMT,GCE,GCST,GCVT,NKH,Cancer,Signal Transduction,Endocrine & Metabolism,Mitochondrial metabolism,Mitochondrial markers,Amino acid metabolism,AMT
Molecular Weight:	37 kDa/39 kDa/41 kDa/43 kDa
Gene ID:	275
UniProt:	P48728

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

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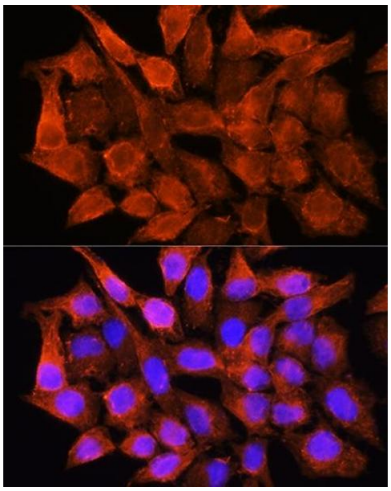
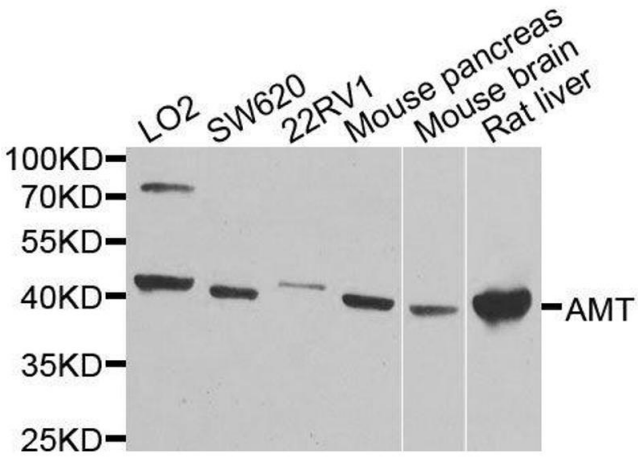


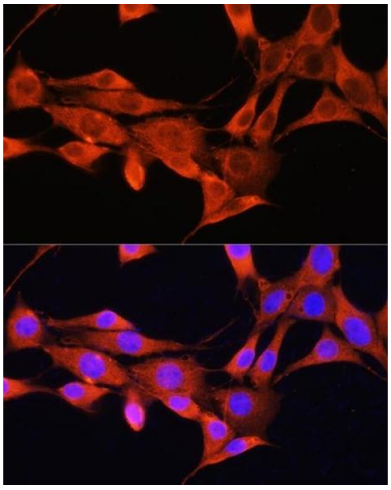
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using AMT Rabbit pAb (ABIN6127345, ABIN6136850, ABIN6136851 and ABIN6225250) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using AMT antibody.



Immunofluorescence

Image 3. Immunofluorescence analysis of NIH/3T3 cells using AMT Rabbit pAb (ABIN6127345, ABIN6136850, ABIN6136851 and ABIN6225250) at dilution of 1:100. Blue: DAPI for nuclear staining.

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