

Datasheet for ABIN2559676
anti-AS3MT antibody (AA 21-120)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	AS3MT
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AS3MT antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CYT19
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	AS3MT
Alternative Name:	CYT19 (AS3MT Products)
Background:	Synonyms: CYT19, Arsenite methyltransferase, Methylarsonite methyltransferase, S-adenosyl-

Target Details

L-methionine:arsenic(III) methyltransferase, AS3MT

Background: Catalyzes the transfer of a methyl group from AdoMet to trivalent arsenicals producing methylated and dimethylated arsenicals. It methylates arsenite to form methylarsonate, Me-AsO(3)H(2), which is reduced by methylarsonate reductase to methylarsonite, Me-As(OH)2. Methylarsonite is also a substrate and it is converted into the much less toxic compound dimethylarsinate (cacodylate), Me(2)As(O)-OH (By similarity).

Gene ID: 57412

UniProt: [Q9HBK9](#)

Application Details

Application Notes: WB 1:300-5000
ELISA 1:500-1000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

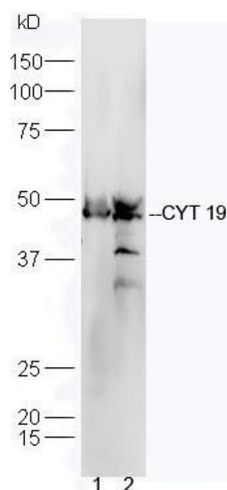
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Line1, mouse heart lysate; Line2, mouse liver lysate probed with Rabbit Anti-CYT19 Polyclonal Antibody, Unconjugated (ABIN2559676) at 1:300 in 4°C. Followed by conjugation to secondary antibody at 1:5000 for 90min at 37°C.