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Datasheet for ABIN2559678
anti-AS3MT antibody (AA 21-120) (HRP)

Overview

Quantity:	100 µL
Target:	AS3MT
Binding Specificity:	AA 21-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AS3MT antibody is conjugated to HRP
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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months