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Datasheet for ABIN7144644
anti-AS3MT antibody (AA 262-375) (Biotin)

Overview

Quantity:	100 µg
Target:	AS3MT
Binding Specificity:	AA 262-375
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AS3MT antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Arsenite methyltransferase protein (262-375AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AS3MT
Alternative Name:	AS3MT (AS3MT Products)
Background:	Background: Catalyzes the transfer of a methyl group from AdoMet to trivalent arsenicals producing methylated and dimethylated arsenicals. It methylates arsenite to form

Target Details

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).
Aliases: 2310045H08Rik antibody, Arsenic (+3 oxidation state) methyltransferase antibody, Arsenite methyltransferase antibody, As3mt antibody, AS3MT_HUMAN antibody, C10ORF32 antibody, CYT19 antibody, Cyt19 protein antibody, Hypothetical protein C10orf32 antibody, Methylarsonite methyltransferase antibody, Methyltransferase cyt19 antibody, OTTHUMP00000020384 antibody, RP11-753C18.6 antibody, S adenosylmethionine arsenic (III) methyltransferase antibody, S-adenosyl-L-methionine:arsenic(III) methyltransferase antibody

UniProt: [Q9HBK9](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.