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#### Datasheet for ABIN7454993

## anti-Mars (MARS) (AA 175-225) antibody



#### Overview

Quantity:	100 μg
Target:	Mars (MARS)
Binding Specificity:	AA 175-225
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

#### **Product Details**

Purpose:	Rabbit anti-MARS Antibody, Affinity Purified
Immunogen:	Between AA 175 and 225
Isotype:	IgG
Purification:	Affinity Purified

### **Target Details**

Target:	Mars (MARS)
Alternative Name:	MARS (MARS Products)
Background:	Background: Methionyl-tRNA synthetase (MARS) is a member of the class I family of

Target Details	
	aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. The encoded protein is a component of the multi-tRNA synthetase complex and catalyzes the ligation of methionine to tRNA molecules. [taken from NCBI Entrez Gene (Gene ID: 4141)].
Gene ID:	4141
NCBI Accession:	NP_004981
UniProt:	P56192
Application Details	
Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: $2$ - $10 \mu g/mg$ lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only
Handling	
Concentration:	1000 μg/mL

Concentration:	1000 μg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months