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Datasheet for ABIN5006810

anti-METTL11A antibody (AA 25-130) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	METTL11A
Binding Specificity:	AA 25-130
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL11A antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human METTL11A
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	METTL11A
Alternative Name:	METTL11A (METTL11A Products)

Target Details

Background:	<p>Synonyms: NRMT, NTM1A, AD-003, HOMT1A, C9orf32, METTL11A, N-terminal Xaa-Pro-Lys N-methyltransferase 1, Alpha N-terminal protein methyltransferase 1A, Methyltransferase-like protein 11A, N-terminal RCC1 methyltransferase, X-Pro-Lys N-terminal protein methyltransferase 1A, NTMT1, NRMT1</p> <p>Background: Distributive alpha-N-methyltransferase that methylates the N-terminus of target proteins containing the N-terminal motif [Ala/Pro/Ser]-Pro-Lys when the initiator Met is cleaved. Specifically catalyzes mono-, di- or tri-methylation of exposed alpha-amino group of Ala or Ser residue in the [Ala/Ser]-Pro-Lys motif and mono- or di-methylation of Pro in the Pro-Pro-Lys motif. Some of the substrates may be primed by METTL11B-mediated monomethylation. Responsible for the N-terminal methylation of KLHL31, MYL2, MYL3, RB1, RCC1, RPL23A and SET. Required during mitosis for normal bipolar spindle formation and chromosome segregation via its action on RCC1.</p>
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Gene ID:	28989
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UniProt:	Q9BV86
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Handling

Expiry Date: 12 months