Datasheet for ABIN7160804

anti-METTL14 antibody (AA 24-206) (HRP)

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Overview

Quantity:	100 µg
Target:	METTL14
Binding Specificity:	AA 24-206
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL14 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human N6-adenosine-methyltransferase subunit METTL14 protein (24-206AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	METTL14
Alternative Name:	METTL14 (METTL14 Products)
Background:	Background: N6-methyltransferase that methylates adenosine residues of some mRNAs and acts as a regulator of the circadian clock and differentiation of embryonic stem cells. N6-

Target Details

	methyladenosine (m6A), which takes place at the 5\\\'-[AG]GAC-3\\\' consensus sites of some mRNAs, plays a role in the efficiency of mRNA splicing, processing and mRNA stability (PubMed:24316715, PubMed:24407421, PubMed:25719671). M6A regulates the length of the circadian clock: acts as a early pace-setter in the circadian loop. M6A also acts as a regulator of mRNA stability: in embryonic stem cells (ESCs), m6A methylation of mRNAs encoding key naive pluripotency-promoting transcripts results in transcript destabilization (By similarity). Aliases: KIAA1627 antibody, MET14_HUMAN antibody, Methyltransferase like 14 antibody, Methyltransferase-like protein 14 antibody, METTL14 antibody, N6-adenosine-methyltransferase subunit METTL14 antibody, OTTHUMP00000219837 antibody
UniProt:	Q9HCE5

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.