Datasheet for ABIN2781086

anti-METTL3 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	METTL3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human METTL3
Sequence:	MSDTWSSIQA HKKQLDSLRE RLQRRRKQDS GHLDLRNPEA ALSPTFRSDS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 85%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against METTL3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	METTL3

Target Details

Alternative Name:	METTL3 (METTL3 Products)
Background:	METTL3 is the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine.This gene encodes the 70 kDa subunit of MT-A which is part of N6-adenosine-methyltransferase. This enzyme is involved in the posttranscriptional methylation of internal adenosine residues in eukaryotic mRNAs, forming N6-methyladenosine. Alias Symbols: M6A, IME4, Spo8, MT-A70 Protein Interaction Partner: UBC, METTL14, UBD, Protein Size: 580
Molecular Weight:	64 kDa
Gene ID:	56339
NCBI Accession:	NM_019852, NP_062826
UniProt:	Q86U44

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 580 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

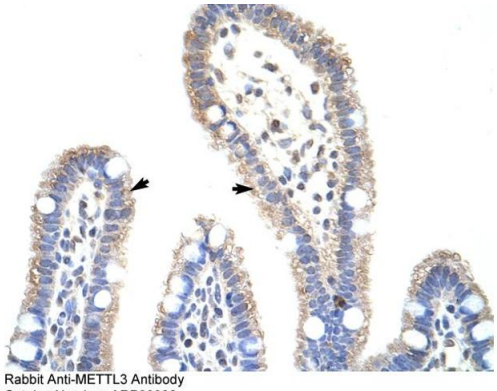
Handling

Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

Western Blotting

Image 1. WB Suggested Anti-METTL3 Antibody Titration: 5.0ug/ml ELISA Titer: 1:312500 Positive Control: Human Thymus



Rabbit Anti-METTL3 Antibody
Catalog Number: ARP39390
Lot Number: QC9444
Paraffin Embeded Tissue: Human Intestine
Cells with Positive label: Epithelial cells of intestinal villus (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Human Intestine