

Datasheet for ABIN6143756

anti-METTL13 antibody (AA 540-699)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	METTL13
Binding Specificity:	AA 540-699
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 540-699 of human METTL13 (NP_057019.3).
Sequence:	SQSDRMKVHI ADGLDYIASL AGGGEARPCY DVIMFDVDSK DPTLGMSCPP PAFVEQSFLQ KVKSILTPEG VFILNLVCRD LGLKDSVLAG LKAVFPLLYV RRIEGEVNEI LFCQLHPEQK LATPELLETA QALERTLRKP GRGWDDTYVL SDMLKTVKIV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	METTL13
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Target Details

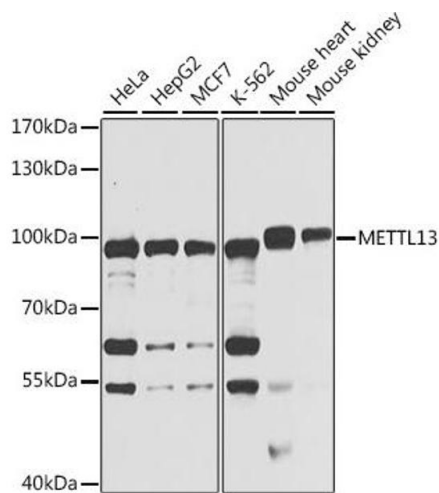
Alternative Name:	METTL13 (METTL13 Products)
Background:	Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2 at two different positions, and is therefore involved in the regulation of mRNA translation. Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2'. Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55'. Has no activity towards core histones H2A, H2B, H3 and H4. Negatively regulates cell proliferation at G1/S transition via transcriptional suppression of cell cycle regulatory genes such as CDK4 and CDK6.,METTL13,5630401D24Rik,CGI-01,KIAA0859,feat,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,METTL13
Molecular Weight:	44 kDa/61 kDa/68 kDa/72 kDa/78 kDa
Gene ID:	51603
UniProt:	Q8N6R0

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using METTL13 antibody (ABIN6131843, ABIN6143756, ABIN6143758 and ABIN6222922) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.