

Rabbit anti-Human METTL10 Polyclonal Antibody | anti-METTL10 antibody

METTL10 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283955	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

METTL10; Polyclonal Antibody; METTL10 Antibody (N-term); Methyltransferase-like protein 10; 211-; C10orf138; anti-METTL10 antibody

PRODUCT SPECIFICATIONS

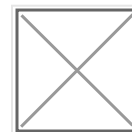
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This METTL10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 29-57 amino acids from the N-terminal region of human METTL10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	29-57
Sequence Length	291
Applicable Applications for anti-METTL10 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Protein-lysine methyltransferase that selectively catalyzes the trimethylation of EEF1A at 'Lys-318'.
Cellular Location	Cytoplasm{ECO:0000255 HAMAP-Rule:MF_03188,ECO:0000269 PubMed:25144183}. Nucleus{ECO:0000255 HAMAP-Rule:MF_03188,ECO:0000269 PubMed:25144183}
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

METTL10 Antibody (N-term) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

METTL10 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of METTL10 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Anti-METTL10 Antibody (N-term) at 1:1000 dilution + HL-60 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted bandsize : 32 kDa Blocking/Dilution buffer: 5% NFDm/TBST..

ADDITIONAL INFORMATION

Product Categories/Family for anti-METTL10 antibody	Cell Biology
References	Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58219056
NCBI GeneID	399818
NCBI Accession #	NP_997719.2
NCBI GenBank Nucleotide #	NM_212554.3
UniProt Accession #	Q5JPI9; A8MPY7
Molecular Weight	31830
NCBI Official Full Name	protein-lysine N-methyltransferase METTL10 isoform 1
NCBI Official Synonym Full Names	methyltransferase like 10
NCBI Official Symbol	METTL10
NCBI Official Synonym Symbols	C10orf138
NCBI Protein Information	protein-lysine N-methyltransferase METTL10
UniProt Protein Name	Protein-lysine N-methyltransferase METTL10
UniProt Gene Name	METTL10
UniProt Entry Name	MET10_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mettl10-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283955>