

Rabbit METTL26 Polyclonal Antibody | anti-METTL26 antibody

Anti-METTL26 Antibody Picoband

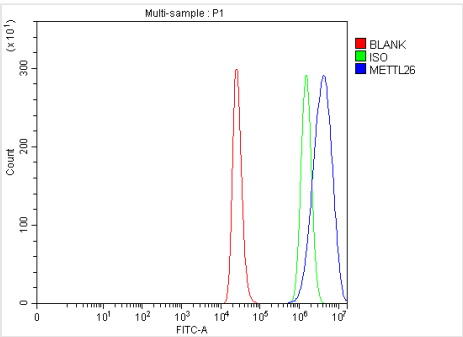
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127944	Rabbit	Human, Monkey, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

METTL26; Polyclonal Antibody; Anti-METTL26 Antibody Picoband; anti-METTL26 antibody

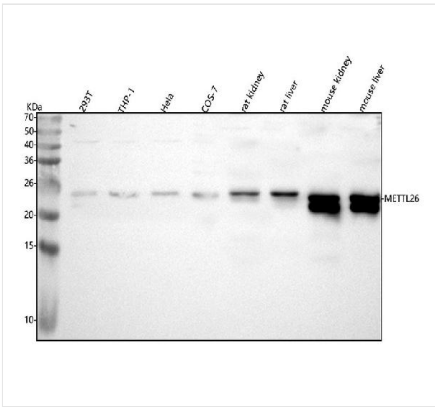
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-METTL26 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human METTL26 recombinant protein (Position: A6- N204). Human METTL26 shares 87.4% and 89.9% amino acid (aa) sequence identity with mouse and rat METTL26, respectively.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of THP-1 cells using anti-METTL26 antibody (AAA127944).Overlay histogram showing THP-1 cells stained with AAA127944 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-METTL26 Antibody (AAA127944, 1ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of METTL26 using anti-METTL26 antibody (AAA127944).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human 293T whole cell lysates,Lane 2: human THP-1 whole cell lysates,Lane 3: human Hela whole cell lysates,Lane 4: monkey COS-7 whole cell lysates,Lane 5: rat kidney tissue lysates,Lane 6: rat liver tissue lysates,Lane 7: mouse kidney tissue lysates,Lane 8: mouse liver tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-METTL26 antigen affinity purified polyclonal antibody (#AAA127944) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for METTL26 at approximately 23 kDa. The expected band size for METTL26 is at 23 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-METTL26 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-METTL26 antibody	Primary Antibodies
References	1. Daniels R J, Peden J F, Lloyd C, et al. Sequence, structure and pathology of the fully annotated terminal 2 Mb of the short arm of human chromosome 16[J]. Human molecular genetics, 2001, 10(4): 339-352.2. Verrastro I, Tveen-Jensen K, Woscholski R, et al. Reversible oxidation of phosphatase and tensin homolog (PTEN) alters its interactions with signaling and regulatory proteins[J]. Free Radical Biology and Medicine, 2016, 90: 24-34.3. Wilkinson B, Evgrafov O V, Zheng D Q, et al. Endogenous cell type-specific disrupted in schizophrenia 1 interactomes reveal protein networks associated with neurodevelopmental disorders[J]. Biological psychiatry, 2019, 85(4): 305-316.

NCBI AND UNIPROT INFORMATION

NCBI GI #	93102391
NCBI GeneID	84326
NCBI Accession #	NP_001035250.1
NCBI GenBank Nucleotide #	NM_001040160.2
UniProt Accession #	Q96S19; Q96IW1; Q96MD6; A8MTR1; A8MWJ8; A8MZA1; B4DG95; B4DIJ3; D6REA6; F6TF62; F6VM53
Molecular Weight	22,578 Da
NCBI Official Full Name	UPF0585 protein C16orf13 isoform b

NCBI Official Synonym Full Names	chromosome 16 open reading frame 13
NCBI Official Symbol	C16orf13
NCBI Official Synonym Symbols	JFP2
NCBI Protein Information	UPF0585 protein C16orf13
UniProt Protein Name	UPF0585 protein C16orf13
UniProt Gene Name	C16orf13
UniProt Synonym Gene Names	JFP2
UniProt Entry Name	CP013_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://www.aaabiotech.com/polyclonal/mettl26-antibody-flow-cytometry-western-blot-elisa/127944>