

Rabbit Methyltransferase like 5 Polyclonal Antibody | anti-METTL5 antibody

Methyltransferase like 5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328888	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%), Chicken(88%), Xenopus(88%)	ELISA, Immunocytochemistry, Immunofluorescence

PRODUCT SYNONYMS

Methyltransferase like 5; Polyclonal Antibody; Methyltransferase like 5 Antibody; 2810410A08Rik; DC3; FLJ10459; HSPC133; mCG_12967; Methyltransferase like protein 5; Methyltransferase-like protein 5; METL5_HUMAN; METTL 5; METTL5; MGC187943; OTTHUMP00000205107; OTTHUMP00000205108; OTTHUMP00000205109; OTTMUSP00000040951; RGD1566062; anti-METTL5 antibody

PRODUCT SPECIFICATIONS

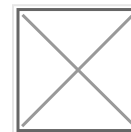
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Bovine(100%), Horse(100%), Sheep(100%), Rabbit(88%), Dog(100%), Chicken(88%), Xenopus(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Methyltransferase like 5 Antibody detects endogenous levels of total Methyltransferase like 5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	209
Applicable Applications for anti-METTL5 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	A synthesized peptide derived from human Methyltransferase like 5, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328888 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328888 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

AAA328888 at 1/100 staining Rat heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Huvec, using Methyltransferase like 5 Antibody. The lane on the left was treated with blocking peptide. Observed bands: 40 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-METTL5 antibody	Function: Probable methyltransferase.
	Similarity: Belongs to the methyltransferase superfamily. PrmA family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	92859575
NCBI GeneID	29081
NCBI Accession #	NP_054887.2
NCBI GenBank Nucleotide #	NP_054887.2
UniProt Accession #	Q9NRN9
Molecular Weight	Observed Molecular Weight: (Observed)23kD, 40kD. Predicted Molecular Weight: (Calculated)24kDa.
NCBI Official Full Name	rRNA N6-adenosine-methyltransferase METTL5
NCBI Official Synonym Full Names	methyltransferase like 5
NCBI Official Symbol	METTL5
NCBI Official Synonym Symbols	MRT72; HSPC133
NCBI Protein Information	rRNA N6-adenosine-methyltransferase METTL5
UniProt Protein Name	Methyltransferase-like protein 5
UniProt Gene Name	METTL5
UniProt Synonym Gene Names	DC3; HSPC133
UniProt Entry Name	METL5_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/methyltransferase-like-5-antibody-immunocytochemistry-immunofluorescence-elisa/328888>