

Anti-METTL16 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015802

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	75N68L49
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human METTL16
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-METTL16 Rabbit mAb [75N68L49] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	METT10D; METTL16; RNA N(6)-adenosine-methyltransferase METTL16; Methyltransferase 10 domain-containing protein; Methyltransferase-like protein 16; U6 small nuclear RNA (adenine-(43)-N(6))-methyltransferase.
Calculated MW	Calculated MW: 64 kDa; Observed MW: 78 kDa
Uniprot ID	Q86W50, Q9CQG2
Gene ID	79066, 67493
Background	Enables RNA binding activity and RNA methyltransferase activity. Involved in RNA modification and regulation of mRNA metabolic process. Located in cytoplasm and nucleus. [provided by Alliance of Genome Resources, Apr 2022]
Cellular Location	Nucleus.Cytoplasm.



Western Blot - Anti-METTL16 Rabbit mAb [75N68L49]

All lanes: R015802 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 8: Mouse brain whole tissue lysates

Lane 9: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 64 kDa

Observed band size: 78 kDa

Developed using the ECL technique (Cat. No. SQ201).