

Datasheet for ABIN6746084

anti-METTL3 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	METTL3
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Dog, Rabbit, Cow, Guinea Pig, Horse, Zebrafish (Danio rerio), Goat, Pig, Bat, Hamster, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This METTL3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide from C-Terminus of human METTL3 (Q86U44, NP_062826). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Goat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig (100%), Rat, Stickleback, Zebrafish (85%), Xenopus (83%). Type of Immunogen: Synthetic peptide
Specificity:	Human METTL3
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse, Dog, Bovine, Goat, Rabbit, Horse, Pig, Guinea pig (100%) Rat, Zebrafish (85%).
Purification:	Immunoaffinity purified

Target Details

Target:	METTL3
Alternative Name:	METTL3 / M6A (METTL3 Products)
Background:	Name/Gene ID: METTL3 Synonyms: METTL3, M6A, Methyltransferase like 3, MTA70, Spo8, IME4, MRNA m(6)A methyltransferase, MT-A70
Gene ID:	56339
NCBI Accession:	NP_062826
UniProt:	Q86U44

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

- Product cited in: Pan, Thomson: "Nanog and transcriptional networks in embryonic stem cell pluripotency." in: **Cell research**, Vol. 17, Issue 1, pp. 42-9, (2007) ([PubMed](#)).
- Nishimoto, Fukushima, Okuda, Muramatsu: "The gene for the embryonic stem cell coactivator UTF1 carries a regulatory element which selectively interacts with a complex composed of Oct-3/4 and Sox-2." in: **Molecular and cellular biology**, Vol. 19, Issue 8, pp. 5453-65, (1999) ([PubMed](#)).
- Vigano, Staudt: "Transcriptional activation by Oct-3: evidence for a specific role of the POU-specific domain in mediating functional interaction with Oct-1." in: **Nucleic acids research**, Vol. 24, Issue 11, pp. 2112-8, (1996) ([PubMed](#)).
- Yuan, Corbi, Basilico, Dailey: "Developmental-specific activity of the FGF-4 enhancer requires the synergistic action of Sox2 and Oct-3." in: **Genes & development**, Vol. 9, Issue 21, pp. 2635-45, (1995) ([PubMed](#)).
- Okamoto, Okazawa, Okuda, Sakai, Muramatsu, Hamada: "A novel octamer binding transcription factor is differentially expressed in mouse embryonic cells." in: **Cell**, Vol. 60, Issue 3, pp. 461-72, (1990) ([PubMed](#)).

Images

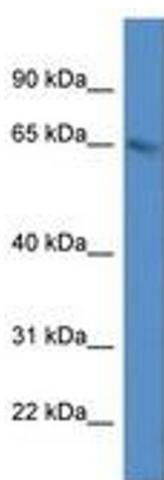


Image 1.