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THUMPD3 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15980

Product Information

Application	WB
Primary Accession	Q9BV44
Other Accession	XP_005265081
Reactivity	Human, Pig, Dog
Predicted	Human, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57003

Additional Information

Gene ID	25917
Other Names	THUMP domain-containing protein 3, THUMPD3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-THUMPD3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	THUMPD3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

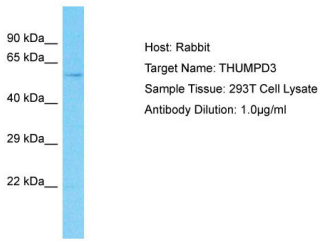
Protein Information

Name	THUMPD3 (HGNC:24493)
Function	Catalytic subunit of the THUMPD3-TRM112 methyltransferase complex, that specifically mediates the S-adenosyl-L-methionine- dependent N(2)-methylation of guanosine nucleotide at position 6 (m2G6) in tRNAs (PubMed:34669960, PubMed:37283053). This is one of the major tRNA (guanine-N(2))-methyltransferases (PubMed:37283053). Also catalyzes the S-adenosyl-L-methionine-dependent N(2)-methylation of guanosine nucleotide at position 7 of tRNA(Trp) (PubMed:34669960).
Cellular Location	Cytoplasm

References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Host: Rabbit
Target Name: THUMPD3
Sample Tissue: 293T Whole cell lysate
s
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.