

THUMPD3 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15980**Specification**

THUMPD3 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9BV44
Other Accession	XP_005265081
Reactivity	Human, Pig, Dog
Predicted	Human, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55kDa KDa

THUMPD3 Antibody - N-terminal region - 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 μ 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.

THUMPD3 Antibody - N-terminal region - 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](http://www.uniprot.org/citations/34669960), PubMed: [37283053](http://www.uniprot.org/citations/37283053)). This is one of the major tRNA (guanine-N(2))-methyltransferases (PubMed: [37283053](http://www.uniprot.org/citations/37283053)). Also catalyzes the S-adenosyl-L-methionine-dependent N(2)-methylation of guanosine nucleotide at position 7 of tRNA(Trp) (PubMed: [34669960](http://www.uniprot.org/citations/34669960)).

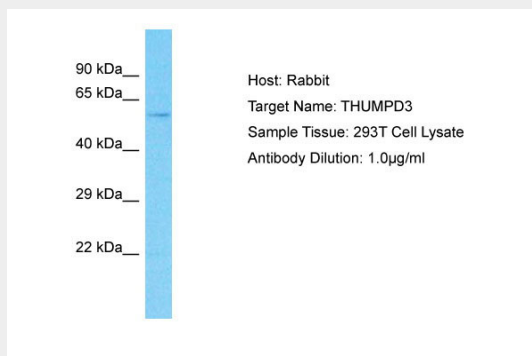
Cellular Location

Cytoplasm

THUMPD3 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

THUMPD3 Antibody - N-terminal region - Images

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

THUMPD3 Antibody - N-terminal region - 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).