10320 Camino Santa Fe, Suite G
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THUM3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10820c

Specification

THUM3 Antibody (Center) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9BV44
Other Accession	NP_056268.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**57003**
Antigen Region	**194-223**

THUM3 Antibody (Center) - Additional Information

Gene ID 25917

Other Names
THUMP domain-containing protein 3, THUMPD3

Target/Specificity
This THUM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 194-223 amino acids from the Central region of human THUM3.

Dilution
WB~~1:1000
IHC-P~~1:50~100

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
THUM3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

THUM3 Antibody (Center) - Protein Information

Name THUMPD3

Function Methyltransferase which catalyzes the formation of N(2)- methylguanosine at position 6

in a broad range of tRNA substrates containing the characteristic 3'-CCA terminus of mature tRNAs (PubMed:34669960). Also catalyzes the formation of N(2)-methylguanosine at position 7 of tRNA(Trp) (PubMed:34669960). Requires the methyltransferase adapter protein TRM112 for tRNA methyltransferase activity (PubMed:34669960).

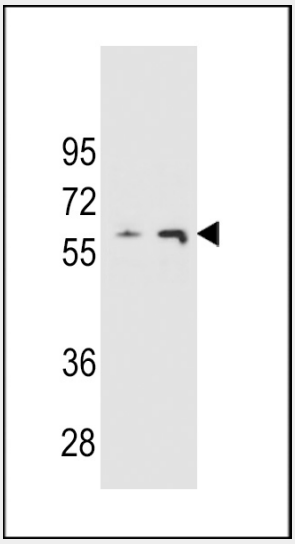
Cellular Location
Cytoplasm

THUM3 Antibody (Center) - Protocols

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

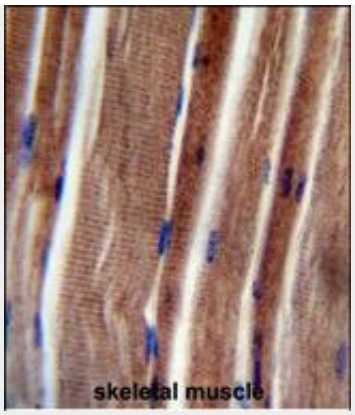
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

THUM3 Antibody (Center) - Images



THUM3 Antibody (Center) (Cat. #AP10820c) western blot analysis in A2058 and A375 cell line lysates (35ug/lane).This demonstrates the THUM3 Antibody (Center) antibody detected the THUM3 Antibody (Center) protein (arrow).

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THUM3 Antibody (Center) (Cat. #AP10820c) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the THUM3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

THUM3 Antibody (Center) - References

Lehner, B., et al. Genome Res. 14(7):1315-1323(2004)