

# VSTM2A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11175c

## Product Information

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|                   |                                                      |
|-------------------|------------------------------------------------------|
| Application       | WB, IHC-P, E                                         |
| Primary Accession | <a href="#">Q8TAG5</a>                               |
| Other Accession   | <a href="#">Q8R0A6</a> , <a href="#">NP_872352.2</a> |
| Reactivity        | Mouse                                                |
| Predicted         | Rat, Bovine, Canine, Rabbit, Chicken                 |
| Host              | Rabbit                                               |
| Clonality         | Polyclonal                                           |
| Isotype           | Rabbit IgG                                           |
| Clone Names       | RB28957                                              |
| Calculated MW     | 25833                                                |
| Antigen Region    | 97-126                                               |

## Additional Information

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|                    |                                                                                                                                                                                          |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 222008                                                                                                                                                                                   |
| Other Names        | V-set and transmembrane domain-containing protein 2A, VSTM2A, VSTM2                                                                                                                      |
| Target/Specificity | This VSTM2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 97-126 amino acids from the Central region of human VSTM2A.                     |
| Dilution           | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.                                                                                                                  |
| Format             | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| 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        | VSTM2A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                               |

## Protein Information

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|          |                                                                      |
|----------|----------------------------------------------------------------------|
| Name     | VSTM2A ( <a href="#">HGNC:28499</a> )                                |
| Synonyms | VSTM2                                                                |
| Function | Plays a role in the regulation of the early stage of white and brown |

preadipocyte cell differentiation. Promotes adipogenic commitment of preadipocytes by increasing gene expression of the transcription factor PPARG in a BMP4-dependent signaling pathway.

#### Cellular Location

Secreted {ECO:0000250 | UniProtKB:Q8R0A6}. Note=Secreted by adipose precursor cells (By similarity). Not detected in the nucleus (PubMed:28052263). {ECO:0000250 | UniProtKB:Q8R0A6}

## Background

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Putative solute transporter (Potential).

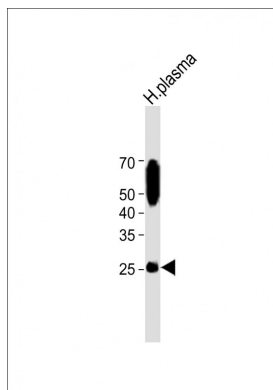
## References

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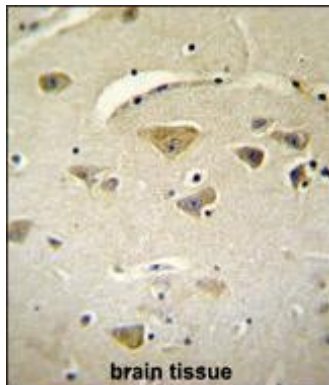
Lamesch, P., et al. Genomics 89(3):307-315(2007)

## Images

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All lanes: Anti-VSTM2A Antibody (Center) at 1:1000 dilution + Human plasma lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 26 KDa Blocking/Dilution buffer: 5% NFDM/TBST.



VSTM2A Antibody (Center) (Cat. #AP11175c) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of VSTM2A Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

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