

Datasheet for ABIN2786385

anti-VSTM2A antibody (Middle Region)



[Go to Product page](#)

1 Image

1 Publication

Overview

| | |
|----------------------|---------------------------------------|
| Quantity: | 100 µL |
| Target: | VSTM2A |
| Binding Specificity: | Middle Region |
| Reactivity: | Mouse, Human, Rat, Dog, Horse, Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This VSTM2A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human VSTM2A |
| Sequence: | AIPSSIHGSA NQRTHSTSSP QVVAKIPKQS PQSGARIATS HGLSVLLLC |
| Predicted Reactivity: | Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against VSTM2A. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | VSTM2A |
| Alternative Name: | VSTM2A (VSTM2A Products) |

Target Details

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| Background: | <p>The specific function of this protein remains unknown. This pseudogene is a member of the cytochrome P450 gene superfamily. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. It is possible that, in rare cases, a combination of two SNPs in this gene may result in an open reading frame encoding a functional enzyme which metabolizes codeine to morphine. This locus is part of a cluster of cytochrome P450 genes on chromosome 22q13.1. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-291 BX247885.11 23767-24057 c 292-463 BX247885.11 22893-23064 c 464-616 BX247885.11 22211-22363 c 617-777 BX247885.11 21962-22122 c 778-954 BX247885.11 21360-21536 c 955-1096 BX247885.11 21026-21167 c 1097-1284 BX247885.11 20644-20831 c 1285-1426 BX247885.11 20048-20189 c 1427-1680 BX247885.11 19696-19949 c</p> <p>Alias Symbols: MGC33530, VSTM2</p> <p>Protein Size: 236</p> |
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|-------------------|--------|
| Molecular Weight: | 26 kDa |
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| Gene ID: | 222008 |
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| NCBI Accession: | NM_182546 , NP_872352 |
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| UniProt: | B5MC94 |
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Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
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| Comment: | Antigen size: 236 AA |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
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| Concentration: | Lot specific |
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| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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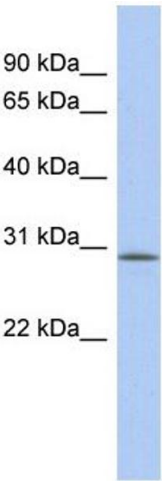
Handling

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| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Publications

| | |
|-------------------|--|
| Product cited in: | Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: Genome research , Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed). |
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Images



Western Blotting

Image 1. WB Suggested Anti-VSTM2A Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle