

Datasheet for ABIN650987
anti-ASMT antibody (AA 212-241)[Go to Product page](#)

4 Images

1 Publication

Overview

| | |
|----------------------|---|
| Quantity: | 400 µL |
| Target: | ASMT |
| Binding Specificity: | AA 212-241 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ASMT antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|---------------|---|
| Immunogen: | This ASMT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-241 amino acids from the Central region of human ASMT. |
| Clone: | RB23845 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | ASMT |
| Alternative Name: | ASMT (ASMT Products) |

Target Details

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|-------------------|--|
| Background: | ASMT belongs to the methyltransferase superfamily, and is located in the pseudoautosomal region (PAR) at the end of the short arms of the X and Y chromosomes. The encoded enzyme catalyzes the final reaction in the synthesis of melatonin, and is abundant in the pineal gland. |
| Molecular Weight: | 38453 |
| Gene ID: | 438 |
| NCBI Accession: | NP_001164509 , NP_001164510 , NP_004034 |
| UniProt: | P46597 |

Application Details

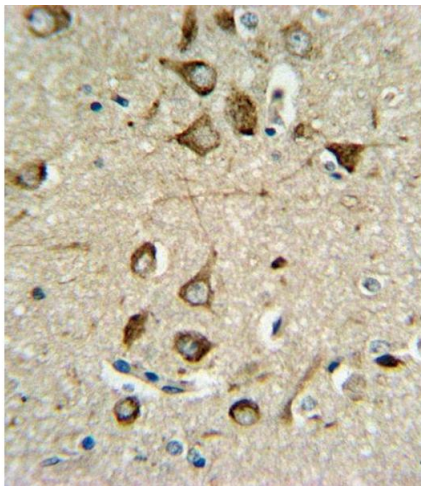
| | |
|--------------------|---|
| Application Notes: | WB: 1:1000. WB: 1:500-1:1000. IHC-P: 1:10~50. FC: 1:10~50 |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |

Publications

| | |
|-------------------|--|
| Product cited in: | Smith, Wietgreffe, Shang, Reilly, Southern, Perkey, Duan, Kohler, Müller, Robinson, Carlis, Li, Johnson, Haase: "Live simian immunodeficiency virus vaccine correlate of protection: immune complex-inhibitory Fc receptor interactions that reduce target cell availability." in: Journal of immunology (Baltimore, Md. : 1950) , Vol. 193, Issue 6, pp. 3126-33, (2014) (PubMed). |
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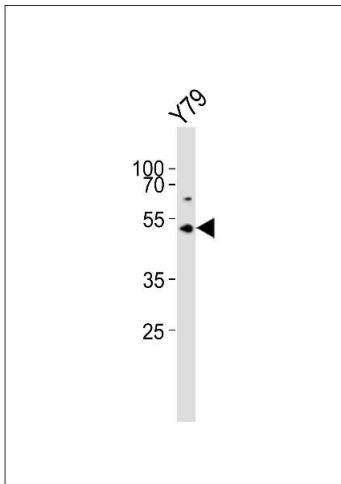
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ASMT Antibody (Center) (ABIN650987 and ABIN2840024) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ASMT Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of ASMT Antibody (Center) (ABIN650987 and ABIN2840024) in 293 cell line lysates (35 µg/lane). ASMT (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of lysate from Y79 cell line, using ASMT Antibody (Center) (ABIN650987 and ABIN2840024). (ABIN650987 and ABIN2840024) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN650987.