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anti-HHAT antibody (AA 101-200) (Biotin)



Overview

| Quantity: | 100 μL |
|----------------------|---|
| Target: | ННАТ |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This HHAT antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human HHAT |
|-----------------------|--|
| Isotype: | IgG |
| Predicted Reactivity: | Human,Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

| Target: | ННАТ |
|-------------------|---|
| Alternative Name: | HHAT (HHAT Products) |
| Background: | Synonyms: 2810432022Rik, AC115917.1, Al462858, FLJ10724, FLJ34867, Hedgehog |

acyltransferase, Hhat, HHAT_HUMAN, MART 2, MART-2, MART2, Melanoma antigen recognized by T cells 2, Melanoma antigen recognized by T-cells 2, MGC11697, OTTMUSP00000033669, Protein cysteine N palmitoyltransferase HHAT, Protein-cysteine N-palmitoyltransferase HHAT, RGD1311746, SKI1, Skinny hedgehog protein 1, Skinny hedgehog protein, Skn.

Background: HHAT is a 493 amino acid multi-pass membrane protein that localizes to the endoplasmic reticulum and belongs to the membrane-bound acyltransferase family. Expressed ubiquitously, HHAT functions to catalyze the N-terminal palmitoylation of SSH (slingshot homolog), an event that is required for SHH signaling pathways. HHAT is expressed in cancer cell lines, suggesting a role for HHAT in tumorigenesis. The gene encoding HHAT maps to human chromosome 1 and is expressed as four alternatively spliced isoforms. Chromosome 1 is the largest human chromosome, spanning about 260 million base pairs and making up 8 % of the human genome. Several disorders, including Stickler syndrome, Parkinsons Disease, Gaucher disease, malignant melanoma and Usher syndrome, are caused by defects in genes that localize to chromosome 1.

Gene ID: 55733

Pathways: Hedgehog Signaling

Application Details

Application Notes: WB 1:300-5000

IHC-P 1:200-400

IHC-F 1:100-500

Restrictions: For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |

Handling

| Storage: | -20 °C |
|------------------|-------------------------------|
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |