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Datasheet for ABIN1694578

**anti-HHAT antibody (AA 101-200) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	HHAT
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HHAT antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## 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:	HHAT
Alternative Name:	Hhat ( <a href="#">HHAT Products</a> )
Background:	Synonyms: 2810432022Rik, AC115917.1, AI462858, FLJ10724, FLJ34867, Hedgehog

## Target Details

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: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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

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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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