

Datasheet for ABIN6991671
anti-HHATL antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	HHATL
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HHATL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	HHATL antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human HHATL. The immunogen is located within the first 50 amino acids of HHATL.
Isotype:	IgG
Purification:	HHATL Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	HHATL
Alternative Name:	HHATL (HHATL Products)
Background:	HHATL Antibody: The Protein-cysteine N-palmitoyltransferase HHAT-like protein (HHATL), also known as the mammalian glycerol uptake/transporter 1 (Gup1) is a homolog of the <i>S. cerevisiae</i>

Target Details

Gup1. It is an endoplasmic reticulum (ER) membrane protein that co-localizes with the mammalian hedgehog acyltransferase Skn and interferes with its N-terminal palmitoylation of Sonic hedgehog (SHH), suggesting that HHATL acts as a negative regulator for N-terminal palmitoylation of SHH. HHATL is highly expressed in normal skin, but becomes down-regulated in skin squamous cell carcinoma, suggesting it may play a role in its development.

Gene ID:	57467
NCBI Accession:	NP_065758
UniProt:	Q9HCP6
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	HHATL antibody can be used for detection of HHATL by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 2.5 µg/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	HHATL Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C
Storage Comment:	HHATL antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.