BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-HHATL Antibody

Catalog Number: A14660

About HHATL

The Protein-cysteine N-palmitoyltransferase HHAT-like protein (HHATL), also known at the mammalian glycerol uptake/transporter 1 (Gup1) is a homolog of the S. cerevisiae Gup1. It is an endoplasmic reticulum (ER) membrane protein that co-localizes with the mammalian hedgehog acyltransferse 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.

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Overview

Product Name	Anti-HHATL Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-HHATL Antibody (Catalog # A14660). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	HHATL Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	HHATL antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9HCP6

Technical Details

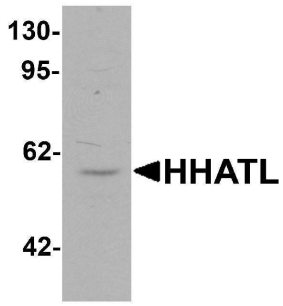
Immunogen	HHATL antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human HHATL. The immunogen is located within the first 50 amino acids of HHATL.
Predicted Reactive Species	Bovine
Isotype	IgG

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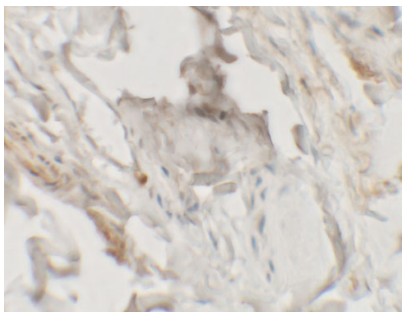
Form	Liquid
Concentration	1 mg/mL
Purification	HHATL Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	HHATL antibody can be used for detection of HHATL by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 2.5 ug/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. Optimal dilutions for each application should be determined by the researcher.

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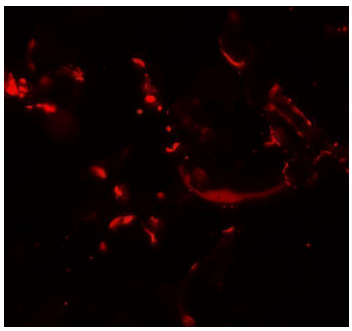
Anti-HHATL Antibody (A14660) Images



Western blot analysis of HHATL in 3T3 cell lysate with HHATL antibody at 1 ug/mL.



Immunohistochemistry of HHATL in human skin tissue with HHATL antibody at 2.5 ug/mL.



Immunofluorescence of HHATL in human skin tissue with HHATL antibody at 20 ug/mL.

For Research Use Only. Not for use in diagnostic procedures.