

Datasheet for ABIN6139585
anti-desert Hedgehog antibody (AA 199-396)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	desert Hedgehog (DHH)
Binding Specificity:	AA 199-396
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This desert Hedgehog antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 199-396 of human DHH (NP_066382.1).
Sequence:	CFPGNATVRL WSGERKGLRE LHRGDWVLAA DASGRVVPTP VLLFLDRDLQ RRASFVAVET EWPPRLLLLT PWHLVFAARG PAPAPGDFAP VFARRLRAGD SVLAPGGDAL RPARVARVAR EEAVGVFAPL TAHGTLLVND VLASCYAVLE SHQWAHRAFA PLRLLHALGA LLPGGAVQPT GMHWYSRLLY RLAEELLG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	desert Hedgehog (DHH)
Alternative Name:	DHH (DHH Products)
Target Type:	Species
Background:	<p>This gene encodes a member of the hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be made as a precursor that is autocatalytically cleaved, the N-terminal portion is soluble and contains the signalling activity while the C-terminal portion is involved in precursor processing. More importantly, the C-terminal product covalently attaches a cholesterol moiety to the N-terminal product, restricting the N-terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development.,DHH,GDXYM,HHG-3,SRXY7,Cell Biology & Developmental Biology,Hedgehog Signaling Pathway,Stem Cells,DHH</p>
Molecular Weight:	43 kDa
Gene ID:	50846
UniProt:	O43323
Pathways:	Hedgehog Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

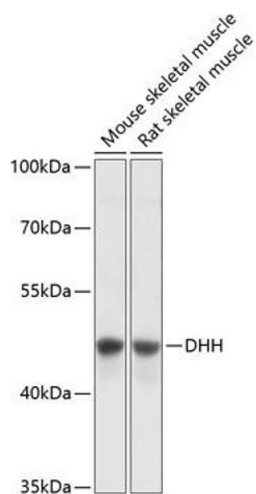
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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

Handling

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DHH antibody (ABIN6130269, ABIN6139585, ABIN6139586 and ABIN6217076) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1 s.