antibodies

# Datasheet for ABIN1538035 anti-desert Hedgehog antibody (AA 195-223)



1 Image



Quantity:	400 µL
Target:	desert Hedgehog (DHH)
Binding Specificity:	AA 195-223
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This desert Hedgehog antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	This DHH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-223 amino acids from the Central region of human DHH.
Clone:	RB39505
Isotype:	Ig Fraction
Predicted Reactivity:	Μ
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	desert Hedgehog (DHH)
Alternative Name:	DHH (DHH Products)

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### Target Details

Target Type:	Species
Background:	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.
Molecular Weight:	43577
Gene ID:	50846
NCBI Accession:	NP_066382
UniProt:	043323
Pathways:	Hedgehog Signaling

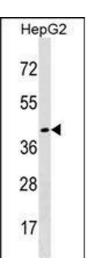
### Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	DHH Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months

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#### Western Blotting

**Image 1.** DHH Antibody (Center) (ABIN1538035 and ABIN2838191) western blot analysis in HepG2 cell line lysates ( $35 \mu g$ /lane).This demonstrates the DHH antibody detected the DHH protein (arrow).

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