



Datasheet for ABIN2854606

anti-desert Hedgehog antibody (Center)



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1 Image

Overview

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

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Dhh. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Mouse (98 %), Rat (98 %)
Characteristics:	Rabbit polyclonal antibody to Dhh (desert hedgehog homolog (Drosophila)) Dhh antibody [N3C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target: desert Hedgehog (DHH)

Alternative Name: Dhh ([DHH Products](#))

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.

Cellular Localization: Desert hedgehog protein N-product: Cell membrane, Lipid-anchor, Extracellular side , Desert hedgehog protein C-product: Secreted , extracellular space , Desert hedgehog protein N-product: Cell membrane , Desert hedgehog protein C-product: Secreted , extra

Molecular Weight: 44 kDa

Gene ID: 50846

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: Suggested dilution Reference Western blot 1:5000-1:20000* Not tested in other applications.
Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:5000-1:20000

Comment: Positive Control: 293T , A431 , Jurkat , Raji

Restrictions: For Research Use only

Handling

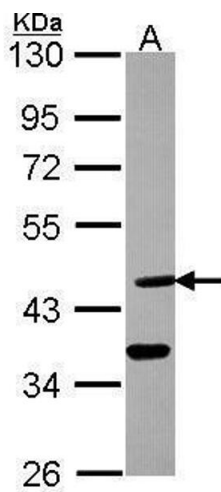
Format: Liquid

Concentration: 0.95 mg/mL

Handling

Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104404 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
A431 , 10% SDS PAGE antibody diluted at 1:10000