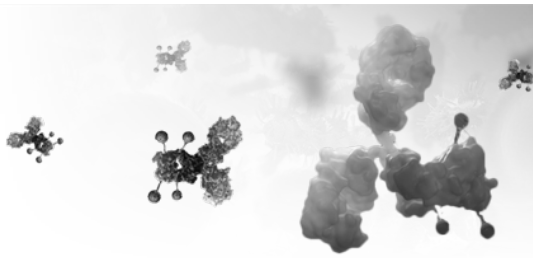

Rabbit Anti-Human SHH monoclonal antibody, clone TD16-39 (CABT-L704)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Sonic Hedgehog Protein/SHH(C-Product)
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TD16-39
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	50 kDa
Cellular Localization	Secreted, Cell membrane.
Positive Control	A549, 293, Hela, HepG2, human kidney tissue, human liver cancer tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The Drosophila segment polarity gene hedgehog (hh) encodes a precursor protein which undergoes autocleavage to generate amino- and carboxy-terminal peptides. Both proteins are secreted and appear to function in embryonic and imaginal disc patterning. Several vertebrate homologs of Drosophila hh have been identified. These include Sonic hedgehog (Shh) (alternatively designated Vhh-1), Desert hedgehog (Dhh) and Indian hedgehog (Ihh). Each contain amino-terminal signal peptides and apparently function as secreted proteins involved in the mediation of various cell-cell interactions. Shh resembles Drosophila hh in that it is processed to generate an amino-terminal secreted peptide that is retained at or near the cell surface and a carboxy-terminal glycosylated more diffusible peptide.
Keywords	HHG 1;HHG-1;HHG1;HLP 3;HLP3;Holoprosencephaly 3;HPE 3;HPE3;MCOPCB5;shh;SHH_HUMAN;SMMC I;SMMCI;Sonic Hedgehog (Drosophila) homolog;sonic hedgehog homolog (Drosophila);Sonic hedgehog homolog;Sonic hedgehog protein;Sonic hedgehog protein C-product;TPT;TPTPS antibody

GENE INFORMATION

Entrez Gene ID	6469
UniProt ID	Q15465

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