

Product Datasheet

Sonic Hedgehog Antibody

Catalog No: CY5073

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: Q15465

All Names: TPT; HHG1; HLP3; HPE3; SMMCI; TPTPS; MCOPCB5; Sonic Hedgehog

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 51 kDa

Application

WB: 1:500~1:2000

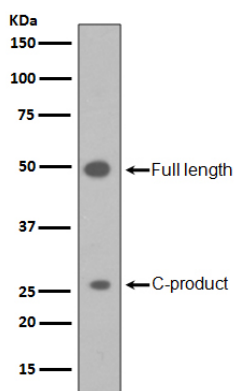
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

FC: 1:50

Background

This gene encodes a protein that is instrumental in patterning the early embryo. It has been implicated as the key inductive signal in patterning of the ventral neural tube, the anterior-posterior limb axis, and the ventral somites. Of three human proteins showing sequence and functional similarity to the sonic hedgehog protein of *Drosophila*, this protein is the most similar. The protein is 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.



Western blot analysis of Sonic Hedgehog in HepG2 cell lysate.

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