

## SONIC HEDGEHOG RABBIT MAB

**Cat.#:** N262925

**Product Name:** Anti-Sonic Hedgehog Rabbit Monoclonal Antibody

**Synonyms:** Sonic hedgehog protein; SHH; HHG-1; Sonic hedgehog protein N-product; Sonic hedgehog protein C-product

**UNIPROT ID:** Q15465

**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.

**Immunogen:** A synthetic peptide of human Sonic Hedgehog

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R06-9H9

**MW:** Calculated MW: 50 kDa; Observed MW: 50,27 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse

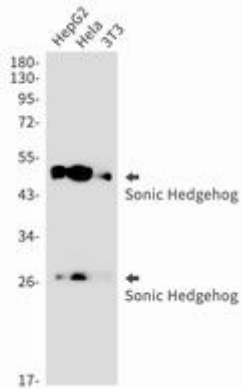
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Sonic Hedgehog in HepG2, Hela, 3T3 lysates using Sonic Hedgehog antibody.