

**Goat anti-SHH Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4515a**Specification**

---

**Goat anti-SHH Antibody - Product Information**

Application	WB, IF, FC, Pep-ELISA
Primary Accession	<a href="#">O15465</a>
Other Accession	<a href="#">NP_000184.1</a>
Reactivity	Human, Rat, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	49607

**Goat anti-SHH Antibody - Additional Information****Gene ID** 6469**Other Names**

SHH; sonic hedgehog homolog (Drosophila); HGNC:10848; HHG1; HLP3; HPE3; SMMCI ; sonic hedgehog

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-SHH Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-SHH Antibody - Protein Information****Name** SHH ([HGNC:10848](#))**Function**

[Sonic hedgehog protein]: The C-terminal part of the sonic hedgehog protein precursor displays an autoproteolysis and a cholesterol transferase activity (By similarity). Both activities result in the cleavage of the full-length protein into two parts (ShhN and ShhC) followed by the covalent attachment of a cholesterol moiety to the C-terminal of the newly generated ShhN (By similarity). Both activities occur in the reticulum endoplasmic (By similarity). Once cleaved, ShhC is degraded in the endoplasmic reticulum (By similarity).

**Cellular Location**

[Sonic hedgehog protein]: Endoplasmic reticulum membrane. Golgi apparatus membrane.  
Secreted Note=Co-localizes with HHAT in the ER and Golgi membrane

### **Goat anti-SHH Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Goat anti-SHH Antibody - Images**