

bs-6624R**[Primary Antibody]****BioSS**
ANTIBODIES

www.bioss.com.cn

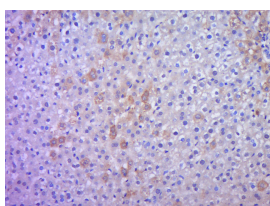
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

IHH Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Dog, Horse) Predicted MW.: 45 kDa Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane
Clonality: Polyclonal		
GeneID: 3549	SWISS: Q14623	
Target: IHH		
Immunogen: KLH conjugated synthetic peptide derived from human IHH: 161-260/411.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Ihh is an intercellular signalling peptide essential for a variety of patterning events during development. It binds to the patched (PTC) receptor, which functions in association with smoothened (SMO), to activate the transcription of target genes. Ihh induces the expression of parathyroid hormone-related protein (PTHrP) and is implicated in endochondral ossification, possibly regulating the balance between growth and ossification of the developing bones.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (IHH) Polyclonal Antibody, Unconjugated (bs-6624R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=2.728]** Xijuan Liu et al. Chondrocyte suppression is mediated by miR - 129 - 5p via GDF11/SMAD3 signaling in developmental dysplasia of the hip. J Orthop Res. 2020 Dec;38(12):2559-2572. WB ;Rabbit. 32396235
- **[IF=3.098]** Xianda Cheet al. MicroRNA-1 regulates the development of osteoarthritis in a Col2a1-Cre-ERT2/GFPfl/fl-RFP-miR-1 Mousemodel of osteoarthritis through the downregulation of Indian hedgehog expression. Int J Mol Med . 2020 Jul;46(1):360-370. IHC ;mouse. 32626917