bs-5910R **[Primary Antibody]**

DHH Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 50846 **SWISS:** O43323

Target: DHH

Immunogen: KLH conjugated synthetic peptide derived from human DHH: 101-200/396.

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: This gene encodes a member of the Hedgehog family. The hedgehog gene family encodes signaling molecules that play an important role in regulating morphogenesis. This protein is predicted to be 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. More importantly, the C terminal product covalently attaches a cholesterol moiety to the N terminal product, restricting the N terminal product to the cell surface and preventing it from freely diffusing throughout the organism. Defects in this protein have been associated with partial gonadal dysgenesis (PGD) accompanied by minifascicular polyneuropathy. This protein may be involved in both male gonadal differentiation and perineurial development.

Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Horse)

Predicted MW.: 44 kDa

Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane

SELECTED CITATIONS

- **[IF=2.705]** Wu J et al. Nicotine inhibits murine Leydig cell differentiation and maturation via regulating Hedgehog signal pathway. Biochem Biophys Res Commun. 2019 Feb 26;510(1):1-7. WB ;Mouse. 30683315