bs-12316R

[Primary Antibody]

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HHIP Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 64399 SWISS: Q96QV1

Target: HHIP

Immunogen: KLH conjugated synthetic peptide derived from human HHIP:

501-600/700.

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: Hedgehog (Hh) signaling proteins are critical for growth and tissue

patterning during development. Patched (Ptc), a putative 12 transmembrane receptor, binds to Sonic hedgehog and is suspected to be a negative regulator of Hh signaling. A family member of patched, designated patched 2, has been found to be co-expressed with Sonic hedgehog. Smoothened (Smo), a seven transmembrane receptor, is complexed with patched in many tissues and is believed to be an essential component in the Hh signaling pathway. Hhip (hedgehog-interacting protein) is able to bind to and may be a transcriptional target of all Hh proteins. Binding of Hhip to Hh proteins attenuates hedgehog signaling.

Applications: WB (1:500-2000)

ELISA (1:5000-10000)

Reactivity: (predicted: Human, Mouse,

Rat, Sheep, Cow, Chicken,

Dog, Horse)

Predicted 77 kDa

MW.:

Subcellular Secreted ,Cell membrane

Location: ,Cytoplasm

- SELECTED CITATIONS -

• [IF=16.6] Leung Adrian On Wah. et al. Suppression of apoptosis impairs phalangeal joint formation in the pathogenesis of brachydactyly type A1. NAT COMMUN. 2024 Mar;15(1):1-19 IF; Mouse. 38472182