bs-1301R **[Primary Antibody]**

FGFR3 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2261 **SWISS:** P22607

Target: FGFR3

Immunogen: KLH conjugated synthetic peptide derived from human FGFR3: 501-600/801. < Cytoplasmic >

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: The encoded protein is synthesized mainly in corticotroph cells of the anterior pituitary where four cleavage sites are used; adrenocorticotrophin, essential for normal steroidogenesis and the maintenance of normal adrenal weight, and lipotropin beta are the major end products. In other tissues, including the hypothalamus, placenta, and epithelium, all cleavage sites may be used, giving rise to peptides with roles in pain and energy homeostasis, melanocyte stimulation, and immune modulation. These include several distinct melanotropins, lipotropins, and endorphins that are contained within the adrenocorticotrophin and beta-lipotropin peptides. Mutations in this gene have been associated with early onset obesity, adrenal insufficiency, and red hair pigmentation. Alternatively spliced transcript variants encoding the same protein have been described.

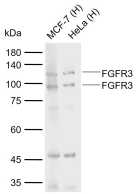
Applications: **WB** (1:1000-2000)

Reactivity: Human (predicted: Sheep, Cow, Chicken, Dog, Horse)

Predicted MW.: 86 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human HeLa cell lysates Primary: Anti-FGFR3 (bs-1301R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 86 kDa Observed band size: 100,115 kDa

SELECTED CITATIONS

- **[IF=2.784]** Ma C et al.Isolation and biological characteristic evaluation of a novel type of cartilage stem/progenitor cell derived from Small-tailed Han sheep embryos.Int J Mol Med. 2018 Jul;42(1):525-533. ICC ;Sheep. 29693133