## bs-3767R

# [ Primary Antibody ]

# **HES5 Rabbit pAb**

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 388585 SWISS: Q5TA89

Target: HES5

**Immunogen:** KLH conjugated synthetic peptide derived from human Hes5:

21-120/166.

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 a family of basic helix-loop-helix

transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental

diseases and cancer. [provided by RefSeq, Dec 2008]

Applications: WB (1:500-2000)

**IHC-P** (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Human, Rat

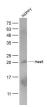
(predicted: Mouse)

**Predicted** 

18 kDa MW.:

Subcellular Cytoplasm Location:

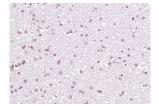
### VALIDATION IMAGES



Sample: Kidney (Rat) Lysate at 40 ug Primary: Anti-alpha smooth muscle Actin (bs-3767R) at 1/500 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 18 kD Observed band size: 20 kD



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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 (HES5) Polyclonal Antibody, Unconjugated (bs-3767R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human brain glioma); 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 (HES5) Polyclonal Antibody, Unconjugated (bs-3767R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

### — SELECTED CITATIONS —

- [IF=6.119] Liu D et al. PNO1, which is negatively regulated by miR-340-5p, promotes lung adenocarcinoma progression through Notch signaling pathway. Oncogenesis. 2020 Jun 1;9(5):58. WB; Human. 32483111
- [IF=2.96] Zhang, Haihua, et al. "Epidermal growth factor promotes proliferation of dermal papilla cells via Notch signaling pathway." Biochimie (2016). WB; Other Species. 27109378
- [IF=3.1] Yang Chan Mo. et al. Comprehensive molecular profiling of combined hepatocellular carcinoma and cholangiocarcinoma reveals distinct Notch signaling subgroups with prognostic significance. VIRCHOWS ARCH. 2025 Jul;:1-13 IHC ;Human. 40637792