bs-16500R **[Primary Antibody]**

HEY1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 23462 **SWISS:** Q9Y5J3

Target: HEY1

Immunogen: KLH conjugated synthetic peptide derived from human HEY1: 51-150/304.

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 nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Applications: **ELISA** (1:5000-10000)

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

Predicted MW.: 34 kDa

Subcellular Location: Nucleus

SELECTED CITATIONS

- **[IF=12]** Youxi Lin. et al. Understanding the Role of NOTCH2 Mutation in Centronuclear Myopathy. MOL THER. 2025 May;: WB ;Mouse. 40336196
- **[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=6.291]** Changjiang Liu. et al. JNK and Jag1/Notch2 co-regulate CXCL16 to facilitate cypermethrin-induced kidney damage. ECOTOX ENVIRON SAFE. 2022 Jun;238:113582 WB ;Rat. 35512476
- **[IF=2.923]** Yao Kun. et al. OLIG2 Immunolabeling of Mesenchymal Chondrosarcoma: Report of 14 Cases. J Neuropath Exp Neur. 2020 Sep;79(9):959-965 IHC ;Human. 32770197
- **[IF=2.9]** Xiaochao Xia. et al. FAM3C Regulates Glioma Cell Proliferation, Invasion, Apoptosis, and Epithelial Mesenchymal Transition via the Notch Pathway. CANCER MED-US. 2024 Dec;13(23):e70412 WB ;Mouse. 39629744