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Hes7 Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3488a

Specification

Hes7 Antibody (internal region) - Product Information

Application	**E**
Primary Accession	Q9BYE0
Other Accession	NP_149030.2, 84667, 84653 (mouse), 305811 (rat)
Predicted	**Human, Mouse, Rat, Pig, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**24899**

Hes7 Antibody (internal region) - Additional Information

Gene ID 84667

Other Names
Transcription factor HES-7, hHes7, Class B basic helix-loop-helix protein 37, bHLHb37, Hairy and enhancer of split 7, bHLH factor Hes7, HES7, BHLHB37

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Hes7 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Hes7 Antibody (internal region) - Protein Information

Name HES7

Synonyms BHLHB37

Function
Transcriptional repressor. Represses transcription from both N box- and E box-containing promoters. May with HES1, cooperatively regulate somite formation in the presomitic mesoderm (PSM). May function as a segmentation clock, which is essential for coordinated somite segmentation (By similarity).

Cellular Location
Nucleus.

Hes7 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Hes7 Antibody (internal region) - Images

Hes7 Antibody (internal region) - References

Two novel missense mutations in HAIRY-AND-ENHANCER-OF-SPLIT-7 in a family with spondylocostal dysostosis. Sparrow DB, Sillence D, Wouters MA, Turnpenny PD, Dunwoodie SL, European journal of human genetics : EJHG 2010 Jun 18 (6): 674-9. PMID: 20087400