

Hes7 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3488a**Specification**

Hes7 Antibody (internal region) - Product Information

Application	E
Primary Accession	O9BYE0
Other Accession	NP_149030.2 , 84667 , 84653 (mouse) , 305811 (rat)
Predicted Host	Human, Mouse, Rat, Pig
Clonality	Goat
Concentration	Polyclonal
Isotype	0.5 mg/ml
Calculated MW	IgG
	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

Dilution

E~~N/A

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 Cytometry](#)
- [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