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Hes6 Antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10435

Product Information

Application	WB
Primary Accession	Q9JHE6
Other Accession	NM_019479, NP_062352
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24454

Additional Information

Gene ID	55927
Alias Symbol	AI326893, bHLHb41
Other Names	Transcription cofactor HES-6, Hairy and enhancer of split 6, Hes6 {ECO:0000312|EMBL:BAA96081.1}
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Hes6 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Hes6 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Hes6 {ECO:0000312|EMBL:BAA96081.1}
Function	Does not bind DNA itself but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. Also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCF3/E47, allowing ASCL1 and TCF3 to up-regulate transcription in its presence. Promotes cell differentiation.
Cellular Location	Nucleus.
Tissue Location	Expressed in both undifferentiated and differentiated cells. High levels of expression are observed in several embryonic tissues including the nervous

system, muscle and thymus. In the nervous system, initially expressed in the closing neural tube, then in the spinal cord, cranial and dorsal root ganglia, and brain neuroepithelium. Also expressed in epithelial cells of the embryonic respiratory, urinary and digestive systems. In the limb buds, expressed in skeletal muscle and presumptive tendons

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