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11-8084: Polyclonal Antibody to Hes7

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	HES7
Gene ID :	84667
Uniprot ID :	Q9BYE0
Format :	Purified
Alternative Name :	HES7,BHLHB37
Isotype :	Rabbit IgG
Immunogen Information :	Full length recombinant Hes7 protein was used as the immunogen for this antibody.

Description

HES7 (Hes family bHLH transcription factor 7) is a member of the Hairy-and-enhancer-of-split (HES) family of transcription factors, which play a role in somite formation. This is expressed in an oscillatory manner during the process of somitogenesis, a process by which somites (bilaterally paired blocks of mesoderm) form and give rise to skeletal muscle, cartilage, tendons, endothelial cells, and dermis. Missense mutations of HES7 have been reported to cause SCDO4 (Spondylocostal Dysostosis 4), an inherited disorder that is characterized by the presence of extensive hemivertebrae, truncal shortening and abnormally aligned ribs.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 0.5-1 Ã‚µg/ml

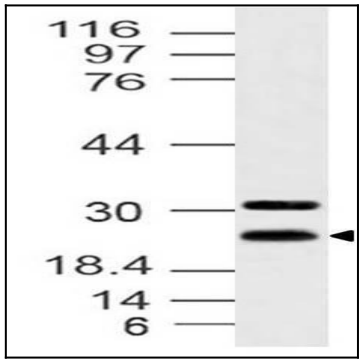


Fig-1: Western blot analysis of Hes7. Anti-Hes7 antibody (11-8084) was used at 1 µg/ml on 293 lysate.

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