

bs-12353R**[Primary Antibody]****HES7 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 84667	SWISS: Q9BYE0	
Target: HES7		
Immunogen: KLH conjugated synthetic peptide derived from Human HES7: 21-100/225.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Dog, Horse)
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.		Predicted MW.: 25 kDa
Background: HES7 is a 225 amino acid transcriptional repressor protein. Localized to the nucleus, HES7 represses transcription of N box- and E box-containing promoters. HES7, along with family member HES1, is thought to cooperatively regulate somite formation in the presomitic mesoderm. HES7 may also be essential for coordinated somite segmentation by acting as a segmentation clock. HES7 contains one basic helix-loop-helix (bHLH) domain and one Orange domain. Mutations in HES7 have been found to cause spondylocostal dysostosis, an autosomal recessive disorder characterized by deformities of the chest and spine.		Subcellular Location: Nucleus