

## Goat anti-Hes7 Antibody

<b>Item Number</b>	dAP-2435
<b>Target Molecule</b>	Principle Name: Hes7; Official Symbol: Hes7; All Names and Symbols: Hes7; hairy and enhancer of split 7 (Drosophila); bHLHb37; OTTMUSP00000006176; bHLH factor Hes7; mHes7; transcription factor HES-7; Accession Number (s): NP_149030.2; Human Gene ID(s): 84667; Non-Human GenID(s): 84653 (mouse) 305811 (rat)
<b>Immunogen</b>	PRSPGQDAEALASCY, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	Western Blot: Preliminary experiments in Mouse fetal Liver and fetal Skeletal Muscle lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results
<b>IHC</b>	
<b>Reference</b>	Reference(s): Sparrow DB, Sillence D, Wouters MA, Turnpenny PD, Dunwoodie SL, Two novel missense mutations in HAIRY-AND-ENHANCER-OF-SPLIT-7 in a family with spondylocostal dysostosis. European journal of human genetics : EJHG 2010 Jun 18 (6): 674-9..PMID: 20087400->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**