



Goat anti-HES4 Antibody

Item Number	dAP-3024
Target Molecule	Principle Name: HES4; Official Symbol: HES4; All Names and Symbols: HES4; hairy and enhancer of split 4 (Drosophila); bHLHb42; bHLH factor Hes4; class B basic helix-loop-helix protein 42; hHES4; transcription factor HES-4; Accession Number (s): NP_001135939.1; Human Gene ID(s): 57801; Non-Human GeneID (s):
Immunogen	RSAAEHRKVGSRP, is from internal region This antibody is expected to recognize isoform 1 (NP_001135939.1) only.
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 24kDa band observed in nuclear lysates of cell line HepG2 (calculated MW of 26.1kDa according to NP_001135939.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): El Yakoubi W, Borday C, Hamdache J, Parain K, Tran HT, Vleminckx K, Perron M, Locker M. Hes4 Controls Proliferative Properties of Neural Stem Cells During Retinal Ontogenesis. Stem cells (Dayton, Ohio) 2012 Sep : ..PMID: 22969013->

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 ender users! This product is sold for **Research Use Only**