

Goat anti-HEY2 Antibody

Item Number	dAP-2201
Target Molecule	Principle Name: HEY2; Official Symbol: HEY2; All Names and Symbols: HEY2; hairy/enhancer-of-split related with YRPW motif 2; CHF1; GRIDLOCK; GRL; HERP1; HESR2; HRT2; MGC10720; bHLHb32; HES-related repressor protein 1; OTTHUMP00000017138; cardiovascular basic helix-loop-helix factor 1; hairy-related transcription factor 2; Accession Number (s): NP_036391.1; Human Gene ID(s): 23493; Non-Human GeneID(s): 15214 (mouse) 155430 (rat)
Immunogen	HASESTPCRLSTTS, is from internal region
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum), Mouse and Rat Brain 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 result
IHC	
Reference	Reference(s): Tang Y, Urs S, Liaw L, Hairy-related transcription factors inhibit Notch-induced smooth muscle alpha-actin expression by interfering with Notch intracellular domain/CBF-1 complex interaction with the CBF-1-binding site. Circulation research 2008 Mar 102 (6): 661-8..PMID: 18239137->

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**