

Goat anti-EGR2 Antibody

Item Number	dAP-1169
Target Molecule	Principle Name: EGR2; Official Symbol: EGR2; All Names and Symbols: EGR2; early growth response 2 (Krox-20 homolog, Drosophila) ; CMT1D; CMT4E; DKFZp686J1957; FLJ14547; KROX20; KROX-20, Drosophila, homolog (early growth response-2); Krox-20 homolog; OTTHUMP00000062133 ; early growth response 2 protein; Accession Number (s): NP_000390.2; Human Gene ID(s): 1959; Non-Human GeneID (s): 13654 (mouse) 114090 (rat)
Immunogen	HGTAGPDRKPFPC, is from internal region
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 8000.
Western Blot	Western Blot: Approx 55kDa band observed in lysates of cell line HepG2 (calculated MW of 50.3kDa according to NP_000390.2). Recommended concentration: 2-6µg/ml.
IHC	
Reference	Reference(s): LeBlanc SE, Ward RM, Svaren J. Neuropathy-associated Egr2 mutants disrupt cooperative activation of myelin protein zero by Egr2 and Sox10. Mol Cell Biol. 2007 May;27(9):3521-9. Epub 2007 Feb 26..PMID: 17325040 ->

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**