

Goat anti-EGR4 Antibody

Item Number	dAP-1214
Target Molecule	Principle Name: EGR4; Official Symbol: EGR4; All Names and Symbols: EGR4; early growth response 4; NGFI-C; NGFIC; PAT133; Accession Number (s): NP_001956.2; Human Gene ID(s): 1961; Non-Human GeneID(s):
Immunogen	NCGSQGDYQAAPE, 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 4000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Brain (Cerebellum and Frontal Cortex) lysates (calculated MW of 50.8kDa according to NP_001956.2). Recommended concentration: 0.3-1µg/ml.
IHC	

Reference	Reference(s): Uvarov P, Ludwig A, Markkanen M, Rivera C, Airaksinen MS. Upregulation of the neuron-specific K ⁺ /Cl ⁻ cotransporter expression by transcription factor early growth response 4. J Neurosci. 2006 Dec 27;26(52):13463-73..PMID: 17192429 ->
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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**