

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 GenID(s):

Immunogen NCGSQG DYQAAPE, 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 ->

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**