

Goat anti-GABRG2 (aa400-410) Antibody

Item Number	dAP-2104
Target Molecule	Principle Name: GABRG2 (aa400-410); Official Symbol: GABRG2; All Names and Symbols: GABRG2; gamma-aminobutyric acid (GABA) A receptor, gamma 2; CAE2; ECA2; GEFSP3; gamma-aminobutyric acid A receptor, gamma 2; Accession Number (s): NP_944494.1; NP_000807.2; NP_944493.2; Human Gene ID(s): 2566; Non-Human GenID(s): 14406 (mouse) 29709 (rat)
Immunogen	NNATHLQERDE, is from internal region This antibody is expected to recognize all reported isoforms: NP_944494.1; NP_000807.2; NP_944493.2. Note the aa numbers used in the name are from NP_944494.1.
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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: Approx 50kDa band observed in Mouse and Rat Brain lysates (calculated MW of 55.1kDa according to Mouse NP_032099.1 and 54.1kDa according to Rat NP_899156.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Kira R, Ishizaki Y, Torisu H, Sanefuji M, Takemoto M, Sakamoto K, Matsumoto S, Yamaguchi Y, Yukaya N, Sakai Y, Gondo K, Hara T, Genetic susceptibility to febrile seizures: Case-control association studies. <i>Brain & development</i> 2009 Oct ; ..PMID: 19854014->

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**