

## Goat anti-GABRG2 (aa400-410) Antibody

<b>Item Number</b>	dAP-2104
<b>Target Molecule</b>	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 GeneID(s): 14406 (mouse) 29709 (rat)
<b>Immunogen</b>	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.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. Brain & development 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 ender users! This product is sold for **Research Use Only**