

## Goat anti-GABRB2 Antibody

<b>Item Number</b>	dAP-1708
<b>Target Molecule</b>	Principle Name: GABRB2; Official Symbol: GABRB2; All Names and Symbols: GABRB2; gamma-aminobutyric acid (GABA) A receptor, beta 2; MGC119386; MGC119388; MGC119389; OT-THUMP00000160872; Accession Number (s): NP_068711.1; NP_000804.1; Human Gene ID(s): 2561; Non-Human GeneID(s): 14401 (mouse) 25451 (rat)
<b>Immunogen</b>	HSFGRNALERHVAQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_068711.1; NP_000804.1).
<b>Applications</b>	Pep ELISA  Species Tested:
<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 4000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 80kDa band in Mouse Brain lysates after 0.2 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 59.2
<b>IHC</b>	
<b>Reference</b>	Reference(s): Lo WS, Lau CF, Xuan Z, Chan CF, Feng GY, He L, Cao ZC, Liu H, Luan QM, Xue H. Association of SNPs and haplotypes in GABAA receptor beta2 gene with schizophrenia. Mol. Psychiatry 2004 Jun 9 (6): 603-8..PMID: 14699426->

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**