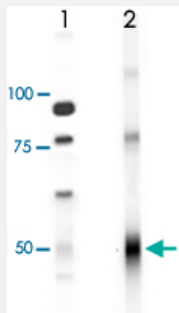


# Gabrd polyclonal antibody

Catalog # PAB9679      Size 100 uL

## Applications



### Western Blot (Tissue lysate)

Western blot (tissue lysate) analysis of (1) mouse whole brain, (2) mouse synaptic plasma membrane lysates showing specific immunolabeling of the  $\delta$ -subunit of the GABAA-R.

## Specification

**Product Description** Rabbit polyclonal antibody raised against partial recombinant Gabrd.

**Immunogen** Recombinant protein corresponding to N-terminus rat Gabrd.

**Host** Rabbit

**Theoretical MW (kDa)** 52

**Reactivity** Mouse, Rat

**Form** Liquid

**Purification** Affinity purification

**Quality Control Testing** Antibody Reactive Against Recombinant Protein.

**Recommend Usage** Western Blot (1:1000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In 10 mM HEPES, 150 mM NaCl, pH 7.5 (50% glycerol, 10% BSA)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

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## Gene Info — Gabrd

Entrez GeneID	<a href="#">29689</a>
Protein Accession#	<a href="#">P18506</a>
Gene Name	Gabrd
Gene Alias	GABAA-RD, MGC105467
Gene Description	gamma-aminobutyric acid (GABA) A receptor, delta
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	O
Other Designations	GABA-A receptor delta-subunit GABAA receptor delta subunit gamma-aminobutyric acid A receptor, delta gamma-aminobutyric acid (GABA-A) receptor, subunit delta gamma-aminobutyric acid A receptor, delta

## Publication Reference

- [Affinity of various benzodiazepine site ligands in mice with a point mutation in the GABA\(A\) receptor gamma2 subunit.](#)

Ogris W, Poltl A, Hauer B, Ernst M, Oberto A, Wulff P, Hoger H, Wisden W, Sieghart W.  
Biochemical Pharmacology 2004 Oct; 68(8):1621.

- [Subunit composition and quantitative importance of GABA\(A\) receptor subtypes in the cerebellum of mouse and rat.](#)

Poltl A, Hauer B, Fuchs K, Tretter V, Sieghart W.  
Journal of Neurochemistry 2003 Dec; 87(6):1444.

Application: IP, WB, Human, Mouse, Rat, HEK 293 cells, Mouse and Rat cerebellar extracts

- [Ethanol enhances alpha 4 beta 3 delta and alpha 6 beta 3 delta gamma-aminobutyric acid type A receptors at low concentrations known to affect humans.](#)

Wallner M, Hancher HJ, Olsen RW.

PNAS 2003 Dec; 100(25):15218.