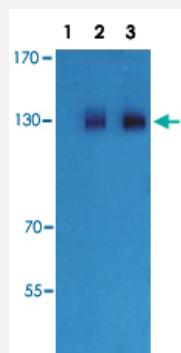


Gabbr2 polyclonal antibody

Catalog # PAB14688

Size 100 ug

Applications



Western Blot

Western blotting analysis of Gabbr2 in rat liver (lane 1), GB2-transfected HEK292 cells (Lane 2) and rat brain (Lane 3) with Gabbr2 polyclonal antibody (Cat # PAB14688).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Gabbr2.
Immunogen	A synthetic peptide (conjugated with THG) corresponding to C-terminus last 23 amino acids of mouse Gabbr2.
Host	Rabbit
Theoretical MW (kDa)	120
Reactivity	Mouse, Rat
Specificity	This antibody recognizes C-terminus of gamma-aminobutyric acid (GABA) B receptor 2 (recognized epitope: the last 23 aa). GB2 apparent MW ~120 KDa.
Form	Liquid
Recommend Usage	Western Blot (0.6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)

Storage Instruction

Store at 4°C. Do not freeze.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blotting analysis of Gabbr2 in rat liver (lane 1), GB2-transfected HEK292 cells (Lane 2) and rat brain (Lane 3) with Gabbr2 polyclonal antibody (Cat # PAB14688).

- Immunocytochemistry

Gene Info — Gabbr2

Entrez GeneID	242425
Gene Name	Gabbr2
Gene Alias	GABABR2, Gb2, Gm425, Gpr51
Gene Description	gamma-aminobutyric acid (GABA) B receptor 2
Gene Ontology	Hyperlink
Gene Summary	subunit 2 ortholog of human G protein-coupled receptor 51 GPR51
Other Designations	G protein-coupled receptor 51 GABA-B receptor 2 OTTMUSP00000007177 gamma-aminobutyric acid type B receptor, subunit 2 ortholog of human G protein-coupled receptor 51 GPR51

Publication Reference

- [No ligand binding in the GB2 subunit of the GABA\(B\) receptor is required for activation and allosteric interaction between the subunits.](#)

Kniazeff J, Galvez T, Labesse G, Pin JP.

Journal of Neuroscience 2002 Sep; 22(17):7352.

- [Function of GB1 and GB2 subunits in G protein coupling of GABA\(B\) receptors.](#)

Margeta-Mitrovic M, Jan YN, Jan LY.

PNAS 2001 Nov; 98(25):14649.

- [Ligand-induced signal transduction within heterodimeric GABA\(B\) receptor.](#)

Margeta-Mitrovic M, Jan YN, Jan LY.

PNAS 2001 Dec; 98(25):14643.