Gabra1 monoclonal antibody, clone S95-35

Catalog # MAB7906 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Gabra1.
Immunogen	Recombinant protein corresponding to amino acids 355-394 of mouse Gabra1.
Host	Mouse
Reactivity	Human, Mouse, Rat
Specificity	No cross-reactivity against GABA-A-R-Alpha2 or -Alpha3.
Form	Liquid
Isotype	IgG2A
Recommend Usage	Western Blot (1-10 ug/mL) Immunohistochemistry (0.1-1.0 ug/mL) Immunocytochemistry (0.1-1.0 ug/mL) Immunofluorescence (1-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunocytochemistry
- Western Blot

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Gene Info — Gabra1

Entrez GeneID	14394
Protein Accession#	P62812
Gene Name	Gabra1
Gene Alias	Gabra-1
Gene Description	gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 1
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	GABAA alpha 1|OTTMUSP00000005606

Publication Reference

- Multiple modes for conferring surface expression of homomeric beta1 GABAA receptors.

  Bracamontes JR, Steinbach JH.

  The Journal of Biological Chemistry 2008 Sep; 283(38):26128.

- GABAA receptor channels.

  Macdonald RL, Olsen RW.

  Annual Review of Neuroscience 1994 Jan; 17:569.

  Application: IF, IP, IHC, Flow Cyt, WB-Tr, Frog, Human, Mouse, Aastrocytes, Glial cells, HEK 293 cells, L929 cells, Oligodendrocytes, Oocytes

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