

## Product datasheet

# Anti-GABA A Receptor beta 2 antibody ab8340

### 3 References

#### 概述

产品名称	Anti-GABA A Receptor beta 2抗体
描述	兔多克隆抗体to GABA A Receptor beta 2
宿主	Rabbit
经测试应用	适用于: IP, WB
种属反应性	与反应: Mouse, Rat
免疫原	Fusion protein of MBP with the amino acid sequence representing the cytosolic loop of the rat GABA-A receptor beta 2 subunit.

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	10 mM Hepes (pH7.5), 150 mM NaCl, 100 ug/ml BSA and 50% glycerol
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

#### 应用

Our [Abpromise guarantee](#) covers the use of **ab8340** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IP		Use at an assay dependent dilution. Use 15µg for 150 µl tissue (68% of all GABA-A receptors in dodecylsulfate extracts of rat forebrains).
WB		1/1000. By Western blot, this antibody detects an 50 - 53 kDa protein, corresponding to the expected molecular weight of GABA A receptor beta 2 subunit.

## 靶标

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功能	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.
组织特异性	Isoform 1 and isoform 2 show reduced expression in schizophrenic brain. Isoform 3 shows increased expression in schizophrenic and bipolar disorder brains while isoform 4 shows reduced expression.
序列相似性	Belongs to the ligand-gated ion channel (TC 1.A.9) family. Gamma-aminobutyric acid receptor (TC 1.A.9.5) subfamily. GABRB2 sub-subfamily.
细胞定位	Cell junction > synapse > postsynaptic cell membrane. Cell membrane.

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