abcam

Product datasheet

Anti-Metabotropic Glutamate Receptor 5 antibody ab76561

1 References 1 图像

概述

产品名称	Anti-Metabotropic Glutamate Receptor 5抗体
描述	小鼠单克隆抗体to Metabotropic Glutamate Receptor 5
宿主	Mouse
经测试应用	**适用于:** WB, ELISA
种属反应性	**与反应:** Recombinant fragment **预测可用于:** Mouse, Rat, Horse, Chicken, Dog, Human, Chimpanzee
免疫原	Recombinant fragment: CPGYAGLCDA MKPIDGRKLL ESLMKTNFTG VSGDTILFDE NGDSPGRYEI MNFKEMGKD YFDYINVGSW DNGELKMDDD EVWSKKSNII RSVCSEPCEK G, corresponding to amino acids 419-519 of Human Metabotropic Glutamate Receptor 5 (NP_000833) with a tag of 26 kDa. Run BLAST with ExPASy Run BLAST with NCBI
阳性对照	Recombinant tagged Human Metabotropic Glutamate Receptor 5 fragment.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: None Constituents: 1X PBS, pH 7.2
纯度	Protein A purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab76561于以下的经测试应用**

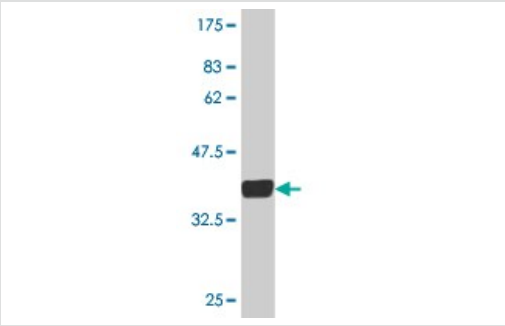
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 132 kDa.
ELISA		Use at an assay dependent dilution. Detection limit for recombinant tagged Metabotropic Glutamate Receptor 5 is approximately 0.03ng/ml as a capture antibody.

靶标

功能	G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. Plays an important role in the regulation of synaptic plasticity and the modulation of the neural network activity.
序列相似性	Belongs to the G-protein coupled receptor 3 family.
细胞定位	Cell membrane.

图片



Western blot - Anti-Metabotropic Glutamate Receptor 5 antibody (ab76561)

Anti-Metabotropic Glutamate Receptor 5 antibody (ab76561) at 1 µg/ml + Recombinant tagged Human Metabotropic Glutamate Receptor 5 fragment at 0.1 µg

Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/5000 dilution

Predicted band size: 132 kDa

Observed band size: 37 kDa

Western blot against tagged recombinant protein immunogen. Predicted band size of immunogen is 37 kDa.

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