

Product Data Sheet

Purified anti-GPR83

Catalog # / Size: 630601 / 50 µl
630602 / 200 µl

Clone: Poly6306

Isotype: Rabbit IgG

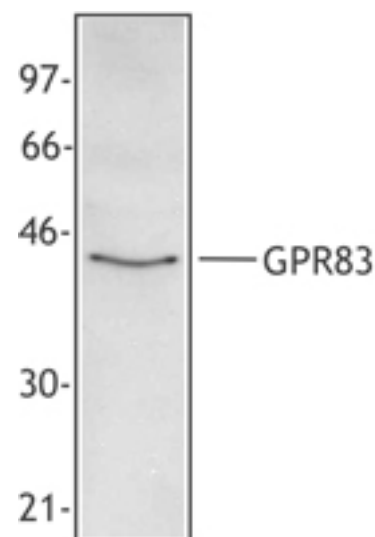
Immunogen: Peptide-KLH

Reactivity: Human, Mouse

Preparation: The antibody was purified by antigen-affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol.

Storage: Upon receipt, store frozen at -20° C.



Mouse brain tissue extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-GPR83 antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.

Description: This rabbit polyclonal antibody recognizes both human and mouse GPR83 also known as G protein coupled receptor 83, GIR, G protein coupled receptor 72, and GPR72. GPR83 is a multi-pass membrane protein, belongs to the G-protein coupled receptor 1 family. GPR83 is an orphan GPR most homologous to the tachykinin and neuropeptide Y (NPY) receptors, has a predicted molecular weight 48 kD. GPR83 is expressed in brain and upregulated in both murine and human Treg. GPR83 might be critically involved in the peripheral generation of Foxp3⁺ Treg cells in vivo. The poly6306 antibody has been shown to be useful for Western blotting.

Antigen References:

1. De Moerlooze L, *et al.* 2000. *Cytogenet. Cell Genet.* 90:146.
2. Wiebke H, *et al.* 2006. *J. Immunol.* 177:209.
3. Sugimoto N *et al.* 2006. *Internat Immunol.* 18:1197.

Related Products: **Product**
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
Poly4064

Application
ELISA, IHC, WB



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