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11-4002: Polyclonal Antibody to GPR83

Clonality: Polyclonal

Application: WB
Reactivity: Human
Gene: GPR83
Gene ID: 10888
Uniprot ID: Q9NYM4
Format: Purified

Alternative Name : GPR83,GPR72,KIAA1540

Isotype: Rabbit IgG

Immunogen Information: A partial length recombinant GPR83 protein (amino acids 151-362) was used as the

immunogen for this antibody.

Description

GPR83 (also known as GIR/ GPR72) is an orphan G protein-coupled receptor highly expressed in brain and thymus. It is most homologous to the tachykinin and neuropeptide Y (NPY) receptors. GPR83 is selectively up-regulated by both murine and human CD4(+) CD25(+) regulatory T cells (Treg) cells and is involved in the induction of CD4(+) Foxp3(+) Tregs in the course of an ongoing immune response.

Product Info

Amount : $25 \mu g / 100 \mu g$

Purification: Protein A Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

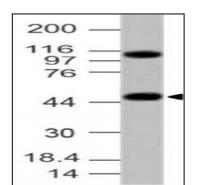


Figure-1: Western blot analysis of GPR83. Anti-GPR83 antibody (11-4002) was used at 4 μ g/ml on MCF-7 lysate.