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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 µg / 100 µg
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

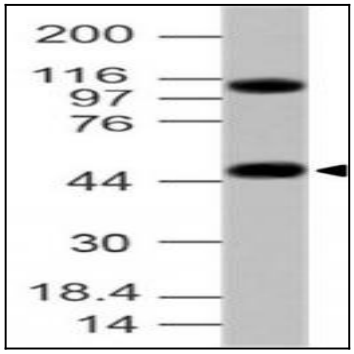


Figure-1: Western blot analysis of GPR83. Anti-GPR83 antibody (11-4002) was used at 4 µg/ml on MCF-7 lysate.

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