

## 11-4002: Polyclonal Antibody to GPR83

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Polyclonal  |
| <b>Application :</b>           | WB  |
| <b>Reactivity :</b>            | Human   |
| <b>Gene :</b>                  | GPR83   |
| <b>Gene ID :</b>               | 10888   |
| <b>Uniprot ID :</b>            | Q9NYM4  |
| <b>Format :</b>                | Purified  |
| <b>Alternative Name :</b>      | GPR83,GPR72,KIAA1540  |
| <b>Isotype :</b>               | Rabbit IgG  |
| <b>Immunogen Information :</b> | 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

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 25 µg / 100 µg  |
| <b>Purification :</b>      | Protein A Chromatography  |
| <b>Content :</b>           | 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.                |
| <b>Storage condition :</b> | 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

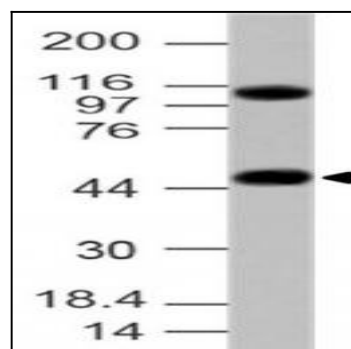


Figure-1: Western blot analysis of GPR83. Anti-GPR83 antibody (11-4002) was used at 4 µg/ml on MCF-7 lysate.