



## Anti-GPR83 Antibody

**Alternative Names:** GPR83, GIR/ GPR72

**Catalogue Number:** AA17-10031-50ug

**Size:** 50 µg

### Background Information

GPR83 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. It was also identified as the receptor for neuroendocrine peptide PEN(1)

### Product Information

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen:</b>	Partial length recombinant human GPR83 from the central region of the protein		
<b>Format:</b>	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	WB WB: 1-2ug/ml		

### Additional Information

<b>Subcellular location:</b>	Plasma membrane	<b>MW:</b>	48kDa (Intended as a general guide and does not allow for all isoforms and species variations)
<b>Gene ID</b>	10888	<b>Uniprot ID:</b>	Q9NYM4



## References

(1) Identification of GPR83 as the receptor for the neuroendocrine peptide PEN, Ivone Gomes et al. DOI:10.1126/scisignal.aad0694

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