

## Anti-GPR84 Antibody (7R340)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 44 kDa. Actual: 35 kDa.
Clone:	7R340
Purification:	Protein A purified

## Applications

Verified Activity:	20 ng rhGPR84-Trx-His protein per lane probed with GPR84 polyclonal antibody respectively, unconjugated (TMAB-06731) at 1:1000 dilution and 4°C overnight incubation. Followed by corresponding conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: human GPR84 protein
Antigen Species:	Human
Gene ID:	53831
Uniprot ID:	Q9NQ55

## Research Background

G protein-coupled receptors (GPCRs), also designated seven transmembrane (7TM) receptors and heptahelical receptors, are a protein family which interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers such as diacylglycerol, cyclic AMP, inositol phosphates, and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling and are involved in many pathological conditions. G protein receptor 84 (GPR84), a member of the GCPR 1 family, is an orphan GCPR expressed in bone marrow, brain, heart, muscle, colon, thymus, spleen, kidney, liver, placenta, intestine, lung and peripheral blood leukocytes. In activated T cells, GPR84 regulates early interleukin-4 (IL-4) gene expression

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