

Datasheet for ABIN7074000

anti-GPR83 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	GPR83
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR83 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse GPR83
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	GPR83
Alternative Name:	GPR83 (GPR83 Products)
Background:	GPR83 (G protein-coupled receptor 83), also known as GIR or GPR72, is a 423 amino acid multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. Expressed specifically in brain tissue, GPR83 functions as an orphan receptor that is thought to play a role in signaling events throughout the cell. Human GPR83 shares 85 % amino acid identity with its rodent counterpart, suggesting a conserved role between species.

Target Details

Gene ID:	14608
NCBI Accession:	NP_034417
UniProt:	P30731

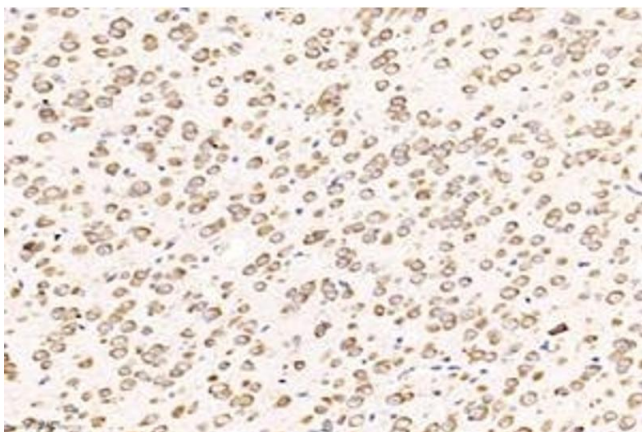
Application Details

Application Notes:	IHC/IF (M,R) 1:400-1:800
Restrictions:	For Research Use only

Handling

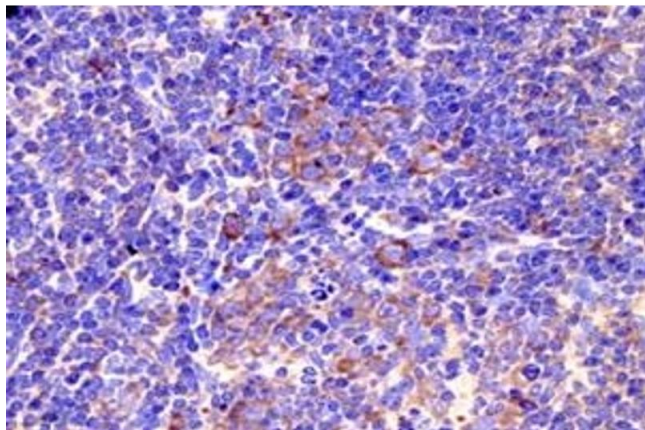
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis of paraffin-embedded mouse spleen using GPR83 (ABIN7074000) at dilution of 1:800



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis of paraffin-embedded mouse prefrontal lobe using GPR83 (ABIN7074000) at dilution of 1: 800