

Datasheet for ABIN7295792  
**anti-GPR18 antibody (Center)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	GPR18
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR18.
Specificity:	Recognizes endogenous levels of GPR18 protein.
Characteristics:	Rabbit polyclonal antibody to GPR18
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	GPR18
Alternative Name:	GPR18 ( <a href="#">GPR18 Products</a> )

## Target Details

Background:	GPCRW, N-arachidonyl glycine receptor, NAGly receptor, G-protein coupled receptor 18
Gene ID:	2841, 110168, 679957
UniProt:	<a href="#">Q14330</a> , <a href="#">Q8K1Z6</a> , <a href="#">A1A5S3</a>

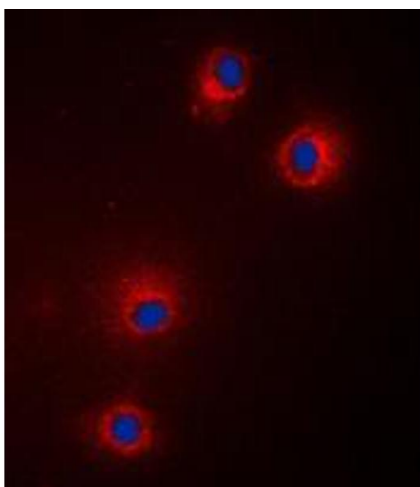
## Application Details

Application Notes:	WB (1:500 - 1:1000), IF/IC (1:100 - 1:500), FC (1:100 - 1:400)
Restrictions:	For Research Use only

## Handling

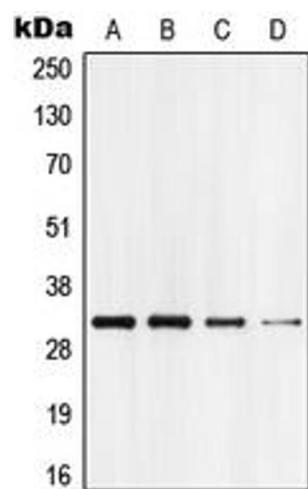
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of GPR18 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell



nuclei (blue).

### Western Blotting

**Image 2.** Western blot analysis of GPR18 expression in HEK293T (A), Jurkat (B), mouse brain (C), rat brain (D) whole cell lysates.