GPER1 Conjugated Antibody

Catalog No: #C53125

Package Size: #C53125-AF350 100ul #C53125-AF405 100ul #C53125-AF488 100ul #C53125-AF555 100ul #C53125-AF594 100ul #C53125-AF647 100ul #C53125-AF680 100ul #C53125-AF750 100ul #C53125-Biotin 100ul #C53125-Conjugated 50ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	GPER1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human GPER1 (NP_001496.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GPER1;CEPR;CMKRL2;DRY12;FEG-1;GPCR-Br;GPER;GPR30;LERGU;LERGU2;LyGPR;mER;GPER1
Accession No.	Uniprot:Q99527GeneID:2852
Calculated MW	42kDa
SDS-PAGE MW	52KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein that localizes to the endoplasmic reticulum. The protein binds estrogen, resulting in intracellular calcium mobilization and synthesis of phosphatidylinositol 3,4,5-trisphosphate in the nucleus. This protein therefore plays a role in the rapid nongenomic signaling events widely observed following stimulation of cells and tissues with estrogen. Alternate transcriptional splice variants which encode the same protein have been characterized.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.