

Datasheet for ABIN122119

anti-G Protein-Coupled Receptor 12 antibody (C-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	G Protein-Coupled Receptor 12 (GPR12)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G Protein-Coupled Receptor 12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated
Specificity:	This antibody reacts with G Protein-Coupled Receptor GPR12 (family: GPCR, subfamily: Lysophospholipid/Lysosphingolipid)
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	G Protein-Coupled Receptor 12 (GPR12)
Alternative Name:	GPR12 (GPR12 Products)

Target Details

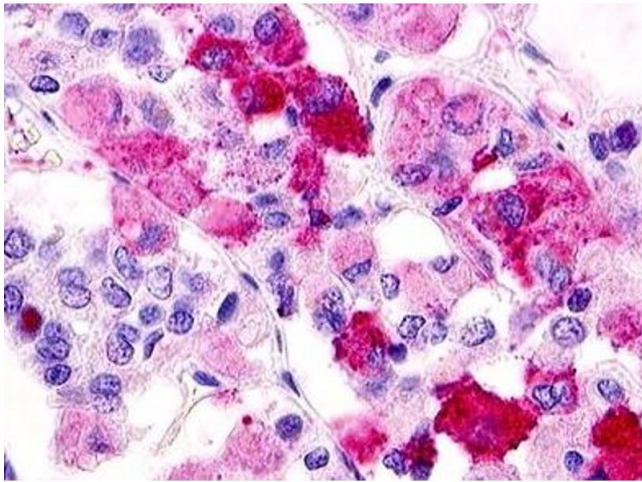
Background:	GPR12 has been identified as a constitutively active Lysophospholipid/Lysosphingolipid receptor. GPR12 expression has been reported primarily in the central nervous system. Rat transcripts have been identified at low levels in testis and pituitary gland. ESTs have been isolated from human brain and eye libraries, as well as mouse brain, genitourinary tract, and liver libraries. Ligand is Sphingosine-1-phosphate (SPP) Caution: GPR12 is distinct from GPR12A, also known as OGR1, in cluster 3870.Synonyms: G-protein coupled receptor 12
Gene ID:	2835
UniProt:	P47775

Application Details

Application Notes:	Western Blot. Immunohistochemistry with formalin fixed paraffin embedded tissues: 2-4 µg/mL Antigen retrieval: Steam slides in 0.01 M sodium citrate buffer, pH 6.0, at 99-100 °C for 20 min. Remove from heat and let stand at room temperature in buffer for 20 min. Rinse in 1x TBS with Tween (TBST) for 1 min. at room temperature. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. Further Comments: This product was originally produced by MBL International.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.09 % Sodium Azide as preservative.
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:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to -70 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical staining of Brain (Pituitary) using anti- GPR12 antibody ABIN122119