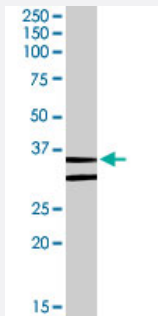


GPR3 polyclonal antibody

Catalog # PAB7560 Size 100 ug

Applications



Western Blot (Tissue lysate)

GPR3 polyclonal antibody (Cat # PAB7560) (0.3 ug/mL) staining of human brain (frontal cortex) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of GPR3.
Immunogen	A synthetic peptide corresponding to human GPR3.
Sequence	C-LQRHLLPASH
Host	Goat
Theoretical MW (kDa)	35
Reactivity	Human
Specificity	This antibody is not expected to cross-react with GPR6 and GPR12.
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

Recommend Usage	ELISA (1:32000) Western Blot (0.3-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

GPR3 polyclonal antibody (Cat # PAB7560) (0.3 ug/mL) staining of human brain (frontal cortex) lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GPR3

Entrez GeneID	2827
Protein Accession#	NP_005272.1
Gene Name	GPR3
Gene Alias	ACCA
Gene Description	G protein-coupled receptor 3
Omim ID	600241
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000003475 OTTHUMP00000043209 adenylate cyclase constitutive activator

Publication Reference

- [Neural expression of G protein-coupled receptors GPR3, GPR6, and GPR12 up-regulates cyclic AMP levels and promotes neurite outgrowth.](#)

Tanaka S, Ishii K, Kasai K, Yoon SO, Saeki Y.

The Journal of Biological Chemistry 2007 Apr; 282(14):10506.

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Failure](#)