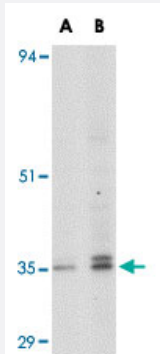


GPR3 polyclonal antibody

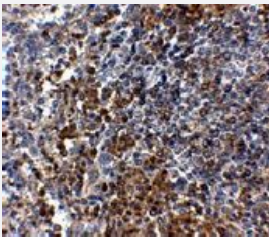
Catalog # PAB16749 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of GPR3 in EL4 cell lysate with GPR3 polyclonal antibody (Cat # PAB16749) at (A) 1 and (B) 2 ug/mL .



Immunohistochemistry

Immunohistochemistry of GPR3 in human spleen tissue with GPR3 polyclonal antibody (Cat # PAB16749) at 2.5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GPR3.
Immunogen	A synthetic peptide corresponding to C-terminus 13 amino acids of human GPR3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage 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 (Cell lysate)

Western blot analysis of GPR3 in EL4 cell lysate with GPR3 polyclonal antibody (Cat # PAB16749) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemistry of GPR3 in human spleen tissue with GPR3 polyclonal antibody (Cat # PAB16749) at 2.5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GPR3

Entrez GeneID	2827
Protein Accession#	P46089
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

- [The orphan G protein-coupled receptor 3 modulates amyloid-beta peptide generation in neurons.](#)

Thathiah A, Spittaels K, Hoffmann M, Staes M, Cohen A, Horre K, Vanbrabant M, Coun F, Baekelandt V, Delacourte A, Fischer DF, Pollet D, De Strooper B, Merchiers P.

Science 2009 Feb; 323(5916):946.

- [Results of a high-resolution genome screen of 437 Alzheimer's disease families.](#)

Blacker D, Bertram L, Saunders AJ, Moscarillo TJ, Albert MS, Wiener H, Perry RT, Collins JS, Harrell LE, Go RC, Mahoney A, Beaty T, Fallin MD, Avramopoulos D, Chase GA, Folstein MF, McInnis MG, Bassett SS, Doheny KJ, Pugh EW, Tanzi RE.

Human Molecular Genetics 2003 Jan; 12(1):23.

- [Molecular cloning of an orphan G-protein-coupled receptor that constitutively activates adenylate cyclase.](#)

Eggerickx D, Denef JF, Labbe O, Hayashi Y, Refetoff S, Vassart G, Parmentier M, Libert F.

The Biochemical Journal 1995 Aug; 309 (Pt 3)(Pt 3):837.

Application: WB-Ti, WB-Tr, Monkey, Mouse, COS-7 cells, Mouse tissues

Disease

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