



Anti-GPR3 polyclonal antibody (DPAB-DC1415)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene is a member of the G protein-coupled receptor family and is found in the cell membrane. G protein-coupled receptors, characterized by a seven transmembrane domain motif, are involved in translating outside signals into G protein mediated intracellular effects. The encoded protein activates adenylate cyclase and modulates amyloid-beta production in a mouse model, suggesting that it may play a role in Alzheimers disease.
Specificity	This antibody is not expected to cross-react with GPR6 and GPR12.
Immunogen	A synthetic peptide corresponding to human GPR3. The sequence is C-LQRHLLPASH
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GPR3 G protein-coupled receptor 3 [Homo sapiens (human)]
Official Symbol	GPR3
Synonyms	GPR3; G protein-coupled receptor 3; ACCA; G-protein coupled receptor 3; ACCA orphan receptor; adenylate cyclase constitutive activator;
Entrez Gene ID	2827
Protein Refseq	NP_005272
UniProt ID	F1DAM5
Chromosome Location	1p36.1-p35
Pathway	GPCRs, Class A Rhodopsin-like;
Function	G-protein coupled receptor activity; protein binding;