

Rabbit GPR3 Polyclonal Antibody | anti-GPR3 antibody

GPR3 Antibody

CATALOG # AAA302219	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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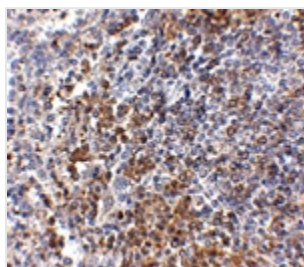
PRODUCT SYNONYMS

GPR3; Polyclonal Antibody; GPR3 Antibody; G-protein coupled receptor 3; adenylate cyclase constitutive activator; ACCA; anti-GPR3 antibody

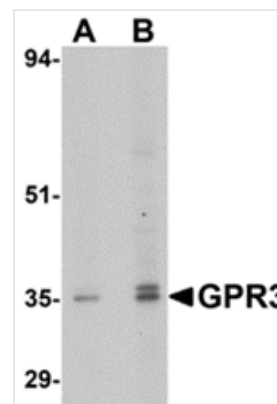
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	330
Applicable Applications for anti-GPR3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 13 amino acid peptide from near the carboxy terminus of human GPR3.
Target Name	GPR3
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of GPR3 in human spleen tissue with GPR3 antibody at 2.5 ug/mL.


WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GPR3 antibody	GPR3, also known as ACCA, is a G-protein coupled receptor that constitutively activates adenylate cyclase and is highly expressed in the central nervous system. Overexpression of GPR3 stimulates the production of amyloid-beta peptide (Abeta), the deposition of which is one of the pathological hallmarks of Alzheimer 's disease (AD), while the ablation of GPR3 prevented the accumulation of Abeta in vitro and in an AD mouse model. This is of particular interest because of the proximity of a reported candidate Alzheimer 's disease (AD) locus, suggesting that GPR3 may be a potential therapeutic target for the treatment of AD. GPR3 has also been shown to block the proliferation of cerebellar granule cell precursors (GCP) during postnatal development by inhibiting the Shh-induced proliferation of GCP, indicating that GPR3 activation may represent one of the signals that triggers the postnatal cell cycle exit and terminal differentiation of GPCs.
Product Categories/Family for anti-GPR3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885325
NCBI GeneID	2827
NCBI Accession #	NP_005272.1
NCBI GenBank Nucleotide #	NM_005281.3
UniProt Accession #	P46089; A8K570
Molecular Weight	35,010 Da
NCBI Official Full Name	G-protein coupled receptor 3
NCBI Official Synonym Full Names	G protein-coupled receptor 3
NCBI Official Symbol	GPR3
NCBI Official Synonym Symbols	ACCA
NCBI Protein Information	G-protein coupled receptor 3
UniProt Protein Name	G-protein coupled receptor 3
UniProt Gene Name	GPR3
UniProt Synonym Gene Names	ACCA
UniProt Entry Name	GPR3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/gpr3-antibody-immunohistochemistry-western-blot-elisa/302219>