Datasheet for ABIN6746075

anti-GPR75 antibody (AA 270-319)

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Overview

Quantity:	100 µL
Target:	GPR75
Binding Specificity:	AA 270-319
Reactivity:	Human, Rabbit, Monkey, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR75 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa270-319 of human GPR75 (O95800, NP_006785). Percent identity by BLAST analysis: Human, Gorilla, Monkey, Galago, Hamster, Rabbit (100%), Mouse, Rat, Elephant, Panda, Bat, Horse, Pig, Opossum, Xenopus (92%), Bovine (91%), Chicken (84%). Type of Immunogen: Synthetic peptide
Specificity:	Human GPR75
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Rabbit (100%) Mouse, Rat, Horse, Pig, Xenopus (92%) Bovine (91%) Chicken (84%).
Purification:	Immunoaffinity purified

Target Details

Target:	GPR75
Alternative Name:	GPR75 (GPR75 Products)
Background:	Name/Gene ID: GPR75 Subfamily: Orphan-A Family: GPCR Synonyms: GPR75, G protein-coupled receptor 75, GPR-chr2, WI31133, GPRchr2, WI-31133
Gene ID:	10936
NCBI Accession:	NP_006785
UniProt:	O95800

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:

Nakatani, Thompson, Barthel, Sakaue, Liu, Weigel, Roth: "Up-regulation of Akt3 in estrogen receptor-deficient breast cancers and androgen-independent prostate cancer lines." in: **The Journal of biological chemistry**, Vol. 274, Issue 31, pp. 21528-32, (1999) (PubMed).

Frech, Andjelkovic, Ingley, Reddy, Falck, Hemmings: "High affinity binding of inositol phosphates and phosphoinositides to the pleckstrin homology domain of RAC/protein kinase B and their influence on kinase activity." in: **The Journal of biological chemistry**, Vol. 272, Issue 13, pp. 8474-81, (1997) (PubMed).

Cross, Alessi, Cohen, Andjelkovich, Hemmings: "Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B." in: **Nature**, Vol. 378, Issue 6559, pp. 785-9, (1996) (PubMed).

Jones, Jakubowicz, Pitossi, Maurer, Hemmings: "Molecular cloning and identification of a serine/threonine protein kinase of the second-messenger subfamily." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 88, Issue 10, pp. 4171-5, (1991) (PubMed).

Images

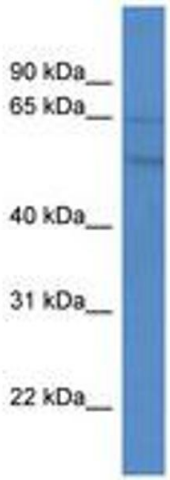

Image 1.