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anti-GNAQ antibody (AA 162-175)





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Overview

Quantity:	100 μg
Target:	GNAQ
Binding Specificity:	AA 162-175
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GNAQ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	GNAQ / ALPHA-q (aa162-175)
Immunogen:	CNDLDRVADPAYLPT
Sequence:	NDLDRVADPA YLPT
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details	
Target:	GNAQ
Alternative Name:	GNAQ (GNAQ Products)
Background:	GNAQ, guanine nucleotide binding protein (G protein), q polypeptide, G-ALPHA-q, GAQ
Gene ID:	2776, 14682, 81666
NCBI Accession:	NP_002063
Pathways:	JAK-STAT Signaling, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction
Application Details	
Application Notes:	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5 µ g/mL. Western Blot: Approx 40 kDa band observed in Human, Mouse and Rat Testis lysates, in Pig Colon and Spleen lysates and in lysates of Human Peripheral Blood Mononucleocytes (calculated MW of 42.1 kDa according to Human NP_002063.2 and to Rat NP_112298.1). R Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

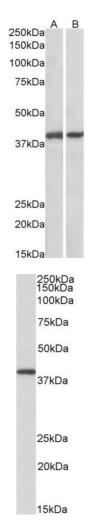
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN625823 (5µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN625823 (0.1μg/ml) staining of Pig Colon (A) and Pig Spleen (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Western Blotting

Image 3. ABIN625823 (0.1μg/ml) staining of Peripheral Blood Lymphocytes lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Please check the product details page for more images. Overall 4 images are available for ABIN625823.