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Datasheet for ABIN6747159
anti-GNAQ antibody (AA 71-120)

2 Images

Overview

Quantity:	100 µL
Target:	GNAQ
Binding Specificity:	AA 71-120
Reactivity:	Human, Mouse, Rat, Cow, Dog, Pig, Horse, Zebrafish (Danio rerio), Guinea Pig, Monkey, Bat, Hamster, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAQ antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (IHC)

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa71-120 of human GNAQ (P50148, NP_002063). Percent identity by BLAST analysis: Human, Chimpanzee, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Dog, Bovine, Bat, Horse, Pig, Opossum, Guinea pig, Chicken (100%), Rabbit, Xenopus (92%), Platypus (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human GNAQ

Product Details

Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Horse, Pig, Guinea pig, Chicken (100%) Rabbit, Xenopus (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	GNAQ
Alternative Name:	GNAQ (GNAQ Products)
Background:	Name/Gene ID: GNAQ Synonyms: GNAQ, G-ALPHA-q, GAQ
Gene ID:	2776
NCBI Accession:	NP_002063
UniProt:	P50148
Pathways:	JAK-STAT Signaling , Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction

Application Details

Application Notes:	Approved: IHC, IHC-P (10 µg/mL), 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 second antibody. ELISA titer in peptide based assay: 1:62500.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

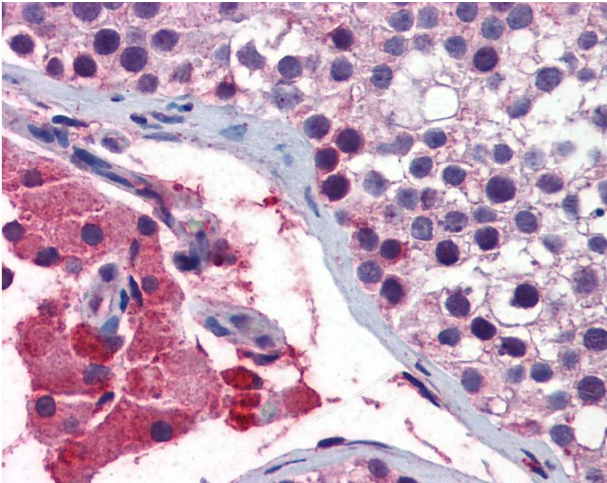
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage: 4 °C, -20 °C

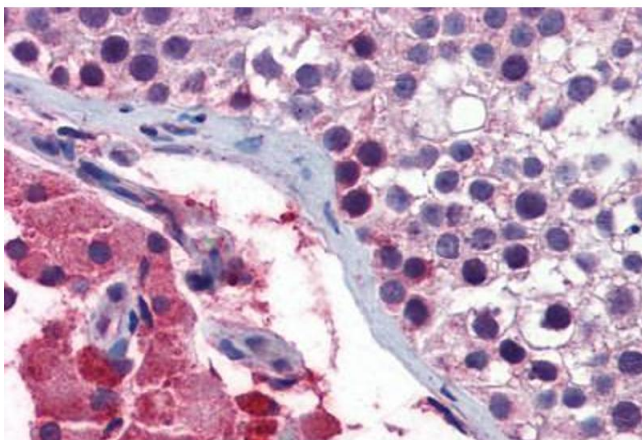
Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-GNAQ antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml. This image was taken for the unconjugated form of this product. Other for ...



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)