

Rabbit anti-Human GNAQ Polyclonal Antibody | anti-GNAQ antibody

GNAQ Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA21339	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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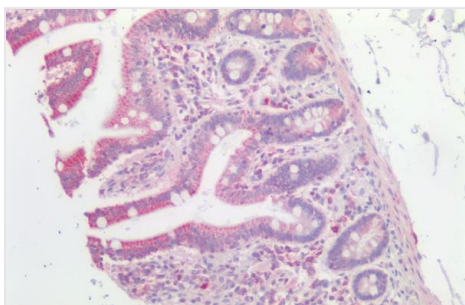
PRODUCT SYNONYMS

GNAQ; Polyclonal Antibody; GNAQ Rabbit anti-Human Polyclonal Antibody; PathPlus GNAQ Antibody; G-ALPHA-q; GAQ; anti-GNAQ antibody

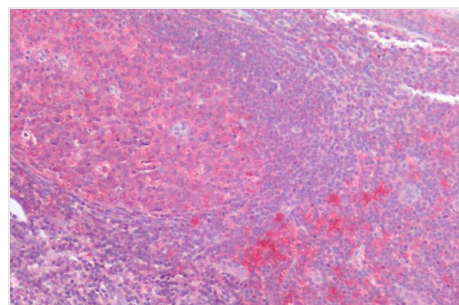
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GNAQ antibody	IHC (Immunohistochemistry)
Target	Human GNAQ
Immunogen	LP-10376, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

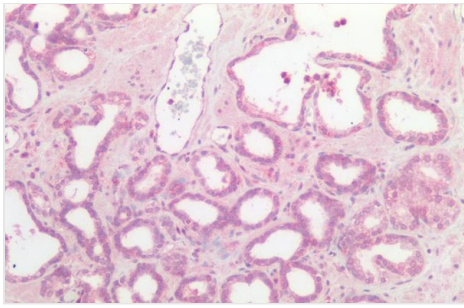
IMAGES


IHC (Immunohistochemistry)

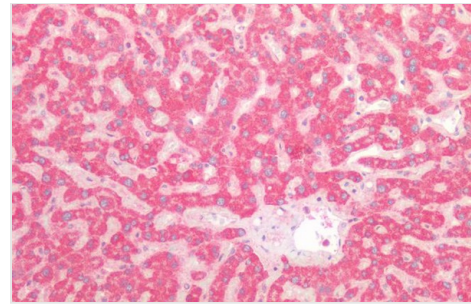
GNAQ Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)


IHC (Immunohistochemistry)

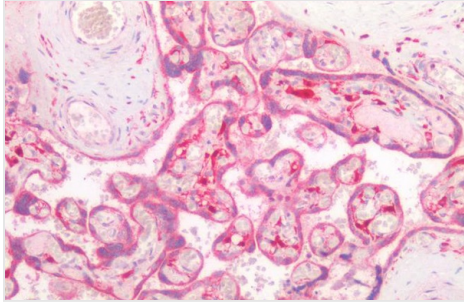
GNAQ Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



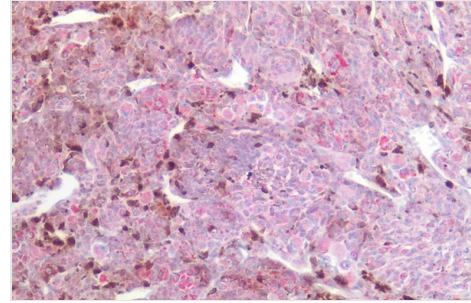
IHC (Immunohistochemistry)
GNAQ Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
GNAQ Antibody-Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
GNAQ Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
GNAQ Antibody-Human Eye, Melanoma: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-GNAQ antibody	GNAQ antibody is an unconjugated rabbit polyclonal antibody to GNAQ from human. Validated for IHC. GNAQ (G Protein Subunit Alpha Q) is a part of the trimeric G protein complex group of proteins that bind to G protein coupled receptors and activates signaling pathways. It has been implicated in vascular development and function, and somatic mutations in GNAQ lead to capillary malformations and angiomas in Sturge-Weber syndrome, uveal melanomas, and port-wine stains. It is widely expressed in many tissues, both in the membrane and cytoplasm.
References	Shirley 2013 N Engl J Med 368:1971; Van Raamsdonk 2009 Nature 457(7229): 599

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254462
NCBI GeneID	2776
NCBI Accession #	NP_002063.2
NCBI GenBank Nucleotide #	NM_002072
UniProt Accession #	P50148 ; O15108 ; Q13462 ; Q6NT27 ; Q92471 ; Q9BZB9
Molecular Weight	42,142 Da
NCBI Official Full Name	guanine nucleotide-binding protein G(q) subunit alpha
NCBI Official Synonym Full Names	G protein subunit alpha q
NCBI Official Symbol	GNAQ
NCBI Official Synonym Symbols	GAQ; SWS; CMC1; G-ALPHA-q
NCBI Protein Information	guanine nucleotide-binding protein G(q) subunit alpha
UniProt Protein Name	Guanine nucleotide-binding protein G(q) subunit alpha
UniProt Gene Name	GNAQ

UniProt Synonym Gene Names	GAQ
UniProt Entry Name	GNAQ_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://stage.aaabiotech.com/polyclonal/gnaq-antibody-immunohistochemistry-elisa/21339>