



Datasheet for ABIN604875
anti-GNAS antibody (AA 164-394)



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3 Images

Overview

Quantity:	50 µL
Target:	GNAS
Binding Specificity:	AA 164-394
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Recombinant protein fragment containing a sequence corresponding to a region within amino acids 164 and 394 of Human GNAS. Type of Immunogen: Recombinant protein
Specificity:	Human GNAS. Predicted cross-reactivity based on amino acid sequence homology: mouse (88 %), rat (100 %), bovine (100 %), pig (90 %).
Purification:	Immunoaffinity purified

Target Details

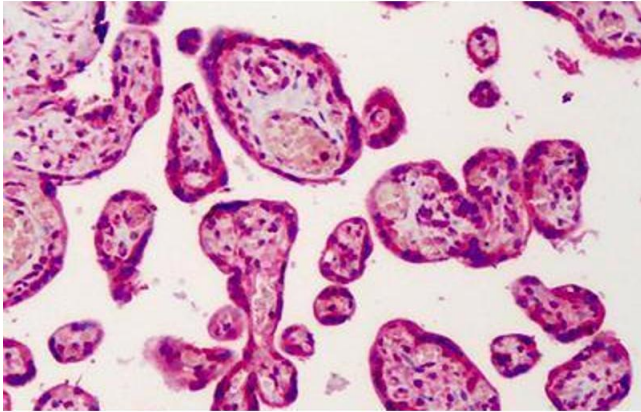
Target:	GNAS
Alternative Name:	GNAS (GNAS Products)
Background:	Name/Gene ID: GNAS Synonyms: GNAS, AHO, C20orf45, Extra large alphas protein, GSP, GNAS complex locus, GNASXL, NESP, PHP1B, PHP1C, PHP1A, POH, SCG6, XLalphas, GNAS1, GPSA, GSA, NESP55, Protein ALEX, Secretogranin VI
Gene ID:	2778
UniProt:	Q5JWF2
Pathways:	Thyroid Hormone Synthesis , cAMP Metabolic Process , Myometrial Relaxation and Contraction , Embryonic Body Morphogenesis

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (1:500 - 1:3000)
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

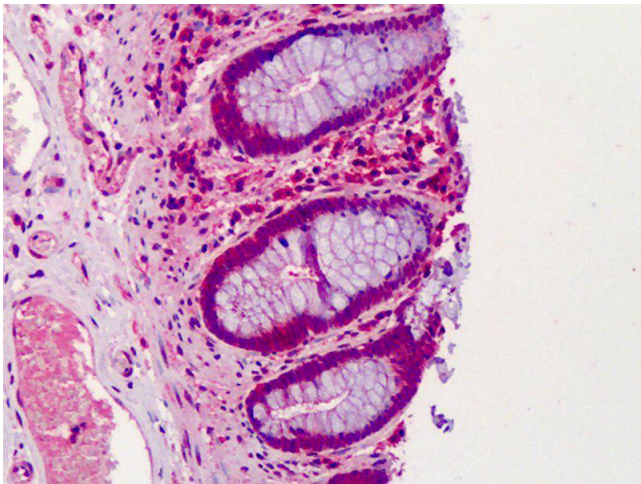
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.1 M Tris-glycine, pH 7, 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): 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. Avoid freeze-thaw cycles.



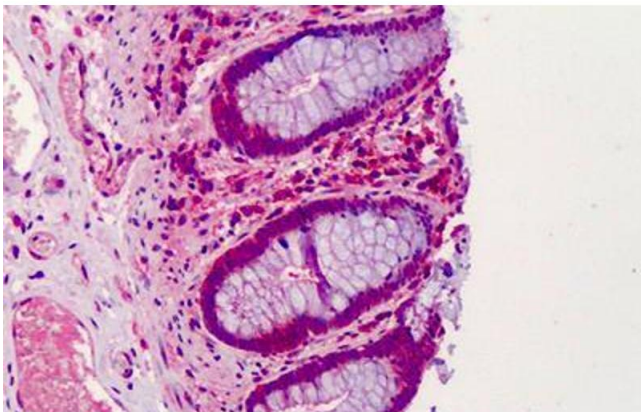
Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 1. Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry

Image 2. Anti-GNAS antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 3. Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)