

Anti-GNAS antibody

Cat. No.	ml120647
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GNAS rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human GNAS
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GNAS
Full name	GNAS complex locus
Synonyms	AHO; GSA; GSP; POH; GPSA; NESP; GNAS1; PHP1A; PHP1B; PHP1C; C20orf45
Swissprot	P63092

Target Background

This locus has a highly complex imprinted expression pattern. It gives rise to maternally, paternally, and biallelically expressed transcripts that are derived from four alternative promoters and 5' exons. Some transcripts contain a differentially methylated region (DMR) at their 5' exons, and this DMR is commonly found in imprinted genes and correlates with transcript expression. An antisense transcript is produced from an overlapping locus on the opposite strand. One of the transcripts produced from this locus, and the antisense transcript, are paternally expressed noncoding RNAs, and may regulate imprinting in this region.

订购热线: 4008-898-798

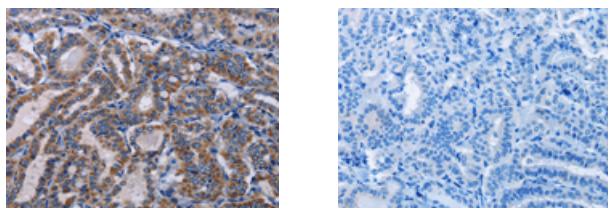
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml120647(GNAS Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 46 kDa

Positive control: Jurkat cells

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

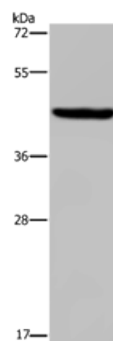
Lysate: 40 μ g

Lane: Jurkat cells

Primary antibody: ml120647(GNAS Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 1000-2000

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