

Datasheet for ABIN6748528
anti-GNAO1 antibody (AA 108-157)

2 Images

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Overview

Quantity:	100 µL
Target:	GNAO1
Binding Specificity:	AA 108-157
Reactivity:	Mouse, Human, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Monkey, Bat, Hamster, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa108-157 of human GNAO1 (B3KP89, NP_620073). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Galago, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Opossum, Guinea pig, Platypus, Xenopus, Penicillium (100%), Orangutan, Pig, Turkey, Zebra finch, Chicken, Lizard, Salmon, Zebrafish, Nematode, Sordaria, Paracoccidioides (92%), Sea squirt (85%). Type of Immunogen: Synthetic peptide
Isotype:	IgG

Product Details

Specificity: Human GNAO1 / GNAO

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

Purification: Immunoaffinity purified

Target Details

Target: GNAO1

Alternative Name: GNAO1 ([GNAO1 Products](#))

Background: Name/Gene ID: GNAO1

Synonyms: GNAO1, GNAO, G-ALPHA-o, G0 Protein Alpha

Gene ID: 2775

NCBI Accession: [NP_620073](#)

UniProt: [P09471](#)

Pathways: [G-protein mediated Events](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 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

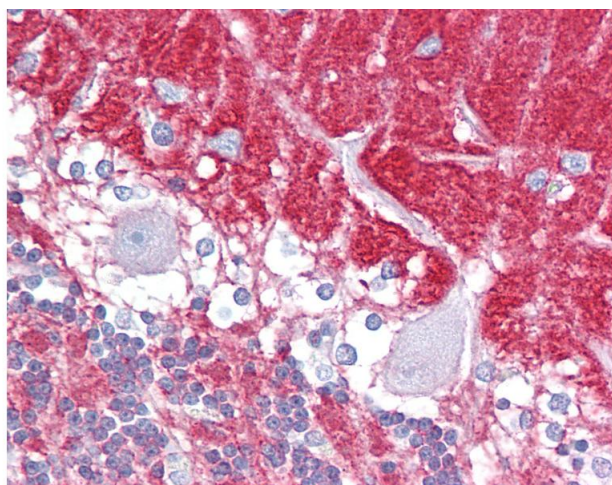
Concentration: Lot specific

Buffer: Lyophilized from PBS with 2 % sucrose

Handling

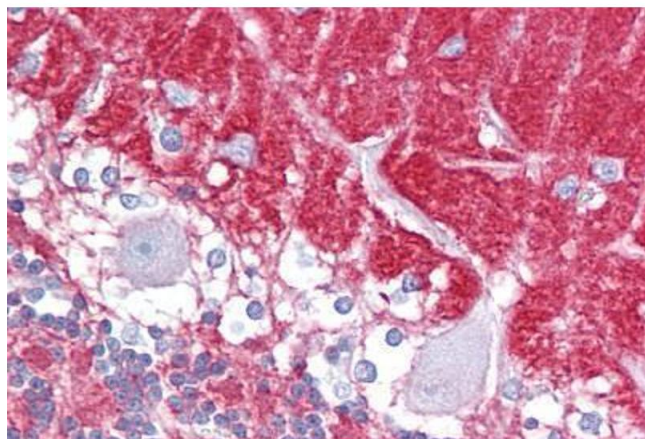
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-GNAO1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product ...



Immunohistochemistry

Image 2. Anti-GNAO1 antibody IHC staining of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN958307 concentration 5 ug/ml.