

Datasheet for ABIN7154699
anti-GNAL antibody (AA 4-116)



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3 Images

Overview

Quantity:	100 µg
Target:	GNAL
Binding Specificity:	AA 4-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Guanine nucleotide-binding protein G(olf) subunit alpha protein (4-116AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GNAL
Alternative Name:	GNAL (GNAL Products)
Background:	Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(olf) alpha mediates signal

Target Details

transduction within the olfactory neuroepithelium and the basal ganglia. May be involved in some aspect of visual transduction, and in mediating the effect of one or more hormones/neurotransmitters.

Aliases: Adenylate cyclase stimulating G alpha protein, olfactory type antibody, Adenylate cyclase-stimulating G alpha protein antibody, DYT25 antibody, G alpha olf antibody, Gnal antibody, GNAL_HUMAN antibody, Guanine nucleotide binding protein (G protein), alpha activating activity polypeptide, olfactory type antibody, Guanine nucleotide binding protein (G protein), alpha stimulating activity polypeptide, olfactory type antibody, Guanine nucleotide binding protein G(olf) subunit alpha antibody, Guanine nucleotide-binding protein G(olf) subunit alpha antibody, olfactory type antibody

UniProt: [P38405](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

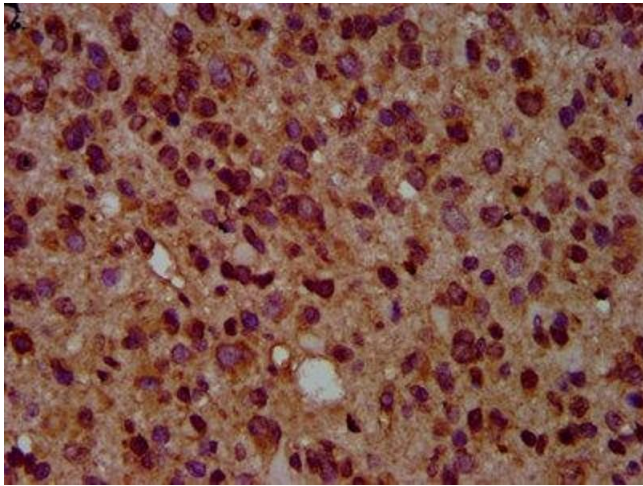
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

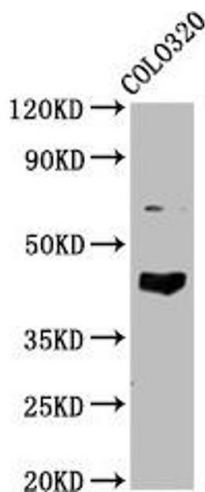
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



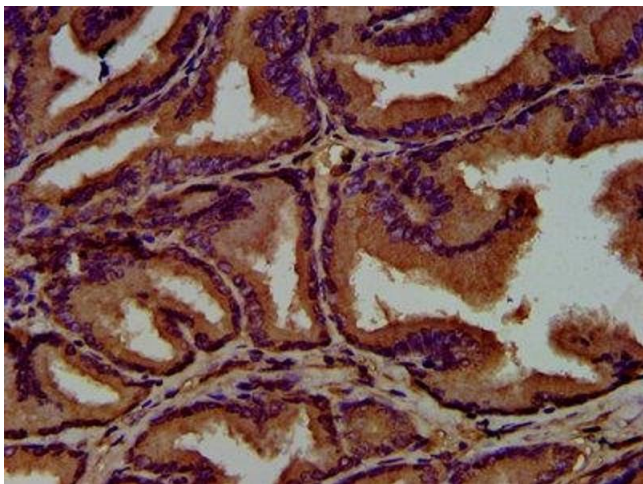
Immunohistochemistry

Image 1. IHC image of ABIN7154699 diluted at 1:500 and staining in paraffin-embedded human glioma performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Colo320 whole cell lysate All lanes: GNAL antibody at 4.8 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45, 53, 21 kDa Observed band size: 45 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7154699 diluted at 1:500 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.