

Datasheet for ABIN872799  
**anti-GNAO1 antibody (AA 221-320)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	GNAO1
Binding Specificity:	AA 221-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAO1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNAO1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Pig
Purification:	Purified by Protein A.

## Target Details

Target:	GNAO1
Alternative Name:	GNAO1 ( <a href="#">GNAO1 Products</a> )

## Target Details

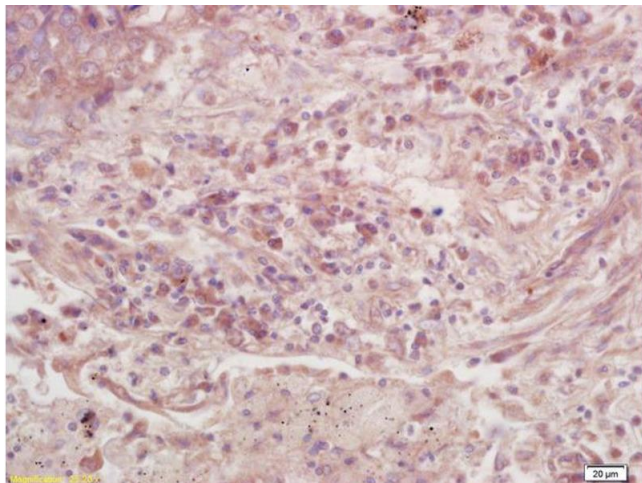
Background:	<p>Synonyms: DKFZp686O0962, G alpha o, G protein alpha 0, Galphao, GNAO 1, GNAO, GNAO_HUMAN, GNAO1, Go alpha, Guanine nucleotide binding protein G protein alpha activating activity polypeptide O, Guanine nucleotide binding protein alpha activating polypeptide, Guanine nucleotide binding protein Go subunit alpha, Guanine nucleotide-binding protein Go subunit alpha, G-ALPHA-o.</p> <p>Background: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. The G(o) protein function is not clear. Stimulated by RGS14.</p>
Gene ID:	2775
Pathways:	<a href="#">G-protein mediated Events</a>

## Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human colon carcinoma labeled with Anti-GNAO1/G0 Polyclonal Antibody, Unconjugated (ABIN872799) at 1:200 followed by conjugation to the secondary antibody and DAB staining.