

Datasheet for ABIN2855168
anti-GNAI2 antibody (Center)

2 Images

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Overview

Quantity:	100 µL
Target:	GNAI2
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNAI2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human G protein alpha Inhibitor 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Pig (Porcine), Rhesus Monkey
Cross-Reactivity (Details):	Pig (100 %), Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to G protein alpha Inhibitor 2 (guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2) G protein alpha Inhibitor 2 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

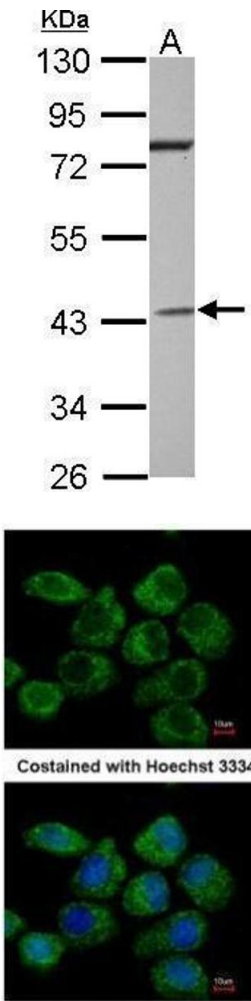
Target:	GNAI2
Alternative Name:	G Protein alpha Inhibitor 2 (GNAI2 Products)
Background:	The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms have been detected for this gene, but the full-length nature of only two are known so far.
Molecular Weight:	40 kDa
Gene ID:	2771
Pathways:	cAMP Metabolic Process , G-protein mediated Events , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* Western blot1:500-1:3000*
Comment:	Positive Control: Jurkat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: Jurkat 10% SDS PAGE antibody diluted at 1:2000

Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using G protein alpha Inhibitor 2, antibody at 1:500 dilution.