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Datasheet for ABIN516106

anti-GNAQ antibody (AA 101-200)

5 Images

1 Publication

Overview

Quantity:	100 µg
Target:	GNAQ
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNAQ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GNAQ.
Immunogen:	GNAQ (NP_002063.2, 101 a.a. ~ 200 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	YKYEHNKAHA QLVREVDVEK VSAFENPYVD AIKSLWNDPG IQECYDRRRE YQLSDSTKYY LNDLDRVADP AYLPTQQDVL RVRVPTTGII EYPFDLQSVI
Clone:	3B9
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	GNAQ
Alternative Name:	GNAQ (GNAQ Products)
Background:	Full Gene Name: guanine nucleotide binding protein (G protein), q polypeptide Synonyms: G-ALPHA-q,GAQ
Gene ID:	2776
NCBI Accession:	NM_002072
Pathways:	JAK-STAT Signaling , Thyroid Hormone Synthesis , Myometrial Relaxation and Contraction

Application Details

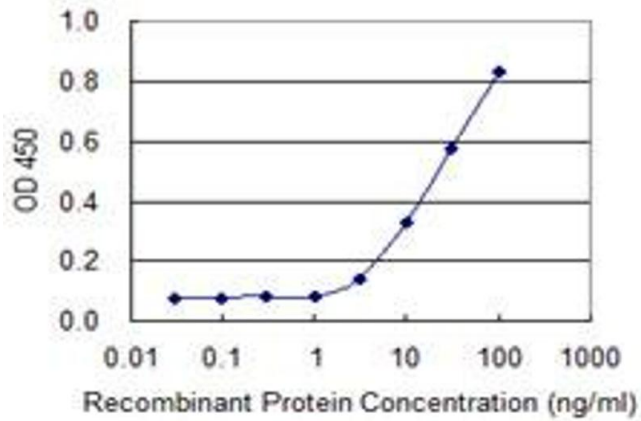
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

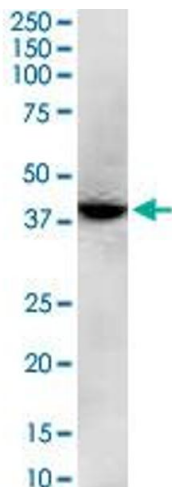
Publications

Product cited in:	Sánchez-Fernández, Cabezudo, Caballero, García-Hoz, Tall, Klett, Michnick, Mayor, Ribas: "Protein Kinase C ζ Interacts with a Novel Binding Region of G α q to Act as a Functional Effector." in: The Journal of biological chemistry , Vol. 291, Issue 18, pp. 9513-25, (2016) (PubMed).
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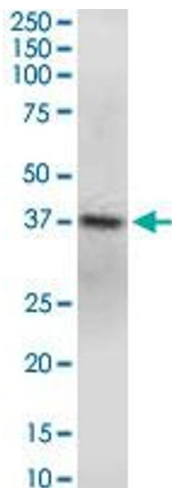
ELISA

Image 1. Detection limit for recombinant GST tagged GNAQ is 1 ng/ml as a capture antibody.



Western Blotting

Image 2. GNAQ monoclonal antibody (M04), clone 3B9. Western Blot analysis of GNAQ expression in Jurkat.



Western Blotting

Image 3. GNAQ monoclonal antibody (M04), clone 3B9. Western Blot analysis of GNAQ expression in Raw 264.7.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN516106.