Datasheet for ABIN7605002

anti-GNAQ antibody

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Overview

Quantity:	100 µL
Target:	GNAQ
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This GNAQ antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-GNAQ Rabbit Monoclonal Antibody
Immunogen:	A synthesized peptide derived from human GNAQ
Clone:	30G74
Isotype:	IgG
Characteristics:	Anti-GNAQ Rabbit Monoclonal Antibody (ABIN7605002). Tested in WB application. This antibody reacts with Human, Mouse, Rat.
Purification:	Affinity-chromatography

Target Details

Target:	GNAQ
Alternative Name:	GNAQ (GNAQ Products)

Target Details

Background:	Synonyms: Protein lin-28 homolog B,Lin-28B,LIN28B,CSDD2, Tissue Specificity: Expressed at high levels in the placenta and, at mucher lower, in testis and fetal liver (PubMed:16971064). Isoform 1 is only detected in placenta and in moderately and poorly differentiated hepatocellular carcinoma cells (at protein level). Isoform 2 is detected in fetal liver, non-tumor liver tissues, as well as well-differentiated tumor tissues (at protein level). Tends to be up-regulated in triple-negative (ER-,PR-,HER2-) breast tumors, as well as in liver, ovarian, and thyroid carcinomas (PubMed:22118463). .
Molecular Weight:	42 kDa
UniProt:	P50148
Pathways:	JAK-STAT Signaling, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Concentration:	Lot specific
Buffer:	Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol, 0.4-0.5 mg/mL BSA.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.