Datasheet for ABIN1531752

anti-RGS16 antibody (pTyr168)

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Overview

Quantity:	100 µg
Target:	RGS16
Binding Specificity:	AA 141-190, pTyr168
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS16 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human RGS16 around the phosphorylation site of Tyr168.
Isotype:	IgG
Specificity:	RGS16 (Phospho-Tyr168) Antibody detects endogenous levels of RGS16 only when phosphorylated at Tyr168. PhosphorylationH:Y168 M:Y167 R:Y167
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

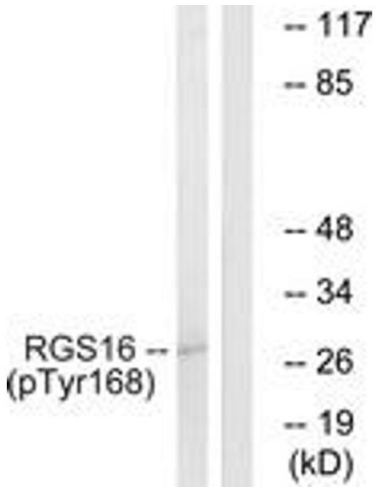
Target:	RGS16
Alternative Name:	RGS16 (RGS16 Products)
Background:	Synonyms: A28-RGS14P, RGS-R, RGSG, RGSR, Regulator of G-protein signaling 16, Retinally abundant regulator of G-protein signaling NCBI Gene Symbol: RGS16
Molecular Weight:	22 kDa
Gene ID:	6004
OMIM:	602514
UniProt:	O15492
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.413297 (NCBI Gene Symbol: RGS16)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from COS7 cells treated with heat shock, using RGS16 (Phospho-Tyr168) Antibody. The lane on the right is treated with the synthesized peptide.