

[Go to Product page](#)

## Datasheet for ABIN7118379 **anti-RGS17 antibody**

### Overview

Quantity:	100 µg
Target:	RGS17
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

### Product Details

Immunogen:	regulator of G-protein signaling 17
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	RGS17
Alternative Name:	RGS17 ( <a href="#">RGS17 Products</a> )
Background:	Synonyms:RGSZ2 Background:Regulates G protein-coupled receptor signaling cascades, including signaling via muscarinic acetylcholine receptor CHRM2 and dopamine receptor DRD2. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form(PubMed:15096504). Binds selectively

## Target Details

	to GNAZ and GNAI2 subunits, accelerates their GTPase activity and regulates their signaling activities. Negatively regulates mu-opioid receptor-mediated activation of the G-proteins(By similarity).
Molecular Weight:	27 kDa
Gene ID:	26575
UniProt:	<a href="#">Q9UGC6</a>
Pathways:	<a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Application Notes:	WB: 1:500-1:2000, IHC: 1:20-1:200, IF: 1:20-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months