

## Immunotag™ RGS10 Antibody

Antibody Specification	
Catalog No.	ITA5292
Product Description	Immunotag™ RGS10 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RGS10
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	RGS10 Antibody detects endogenous levels of total RGS10
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	RGS10
Accession No.	O43665
Alternate Names	Regulator of G protein signaling 10; Regulator of G-protein signaling 10; RGS10; RGS10_HUMAN;

## Antibody Specification

Description	Regulates G protein-coupled receptor signaling cascades, including signaling downstream of the muscarinic acetylcholine receptor CHRM2. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form (PubMed:8774883, PubMed:10608901, PubMed:9353196, PubMed:11443111, PubMed:18434541). Modulates the activity of potassium channels that are activated in response to CHRM2 signaling (PubMed:11443111). Activity on GNAZ is inhibited by palmitoylation of the G-protein (PubMed:9353196).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	20 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.