

# Immunotag™ RIT2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0748
Product Description	Immunotag™ RIT2 Polyclonal Antibody
Size	50 µg, 100 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	RIT2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Rat,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RIT2 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	RIT2 RIN ROC2
Accession No.	Q99578 P70425 Q5BJQ5
Description	Ras like without CAAX 2(RIT2) Homo sapiens RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]).[supplied by OMIM, Mar 2008],
Protein Expression	Brain,Neuron,

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Subcellular Localization	intracellular,nucleus,cytoplasm,plasma membrane,membrane,neuron projection,cell body,membrane raft,dendritic tree,
Protein Function	function:Binds and exchanges GTP and GDP.,miscellaneous:Shows rapid uncatalyzed guanine nucleotide dissociation rates, which are much faster than those of most Ras subfamily members.,similarity:Belongs to the small GTPase superfamily. Ras family.,subunit:Interacts with MLLT4, the C-terminal domain of RALGDS and RLF, but not with RIN1 and PIK3CA. RLF binds exclusively to the active GTP-bound form (By similarity). Binds calmodulin.,tissue specificity:Neuron-specific.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.