



RIT2 Polyclonal Antibody

Catalog No	YP-Ab-05621
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	RIT2 RIN ROC2
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RIT2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GTP binding protein Rit2;Ras like without CAAX 2;RIBA;RIN;RIT2;ROC2;RIT2 RIN ROC2;GTP-binding protein Rit2 (Ras-like protein expressed in neurons) (Ras-like without CAAX protein 2)
Observed Band	23kD
Calculated Molecular Weight	23kD
Cell Pathway	Nucleus . Cell membrane . Colocalizes with PLXNB3 at the plasma membrane (PubMed:16122393). .
Tissue Specificity	Neuron-specific.
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.,
Background	RIN belongs to the RAS (HRAS; MIM 190020) superfamily of small GTPases (Shao et al., 1999 [PubMed 10545207]).[supplied by OMIM, Mar 2008],

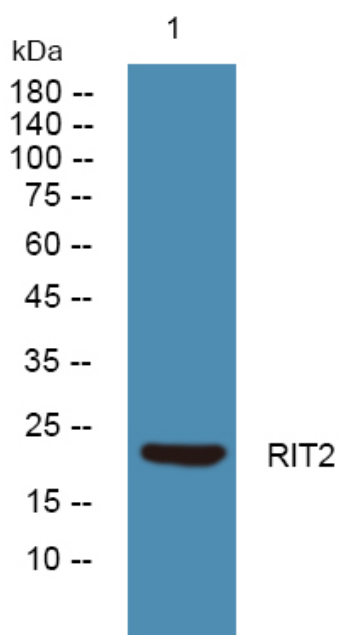
**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night