



Anti-RIT1 (aa 120-217) polyclonal antibody (DPAB-DC2700)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a subfamily of Ras-related GTPases. The encoded protein is involved in regulating p38 MAPK-dependent signaling cascades related to cellular stress. This protein also cooperates with nerve growth factor to promote neuronal development and regeneration. Alternate splicing results in multiple transcript variants.
Immunogen	RIT1 (NP_008843, 120 a.a. ~ 217 a.a) partial recombinant protein with GST tag. The sequence is RVRRTDDTPVVLVGNKSDLKQLRQVTKEEGLALAREFSCPFFETSAAYRYYIDDVFHALV REIRRKEKEAVLAMEKKSKPKNSVWKRLKSPFRKKKDS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [RIT1 Ras-like without CAAX 1 \[Homo sapiens \(human\) \]](#)

Official Symbol	RIT1
Synonyms	RIT1; Ras-like without CAAX 1; NS8; RIT; RIBB; ROC1; GTP-binding protein Rit1; GTP-binding protein Roc1; ras-like without CAAX protein 1; Ric-like, expressed in many tissues; ras-like protein expressed in many tissues;
Entrez Gene ID	6016
Protein Refseq	NP_001243749
UniProt ID	Q92963
Chromosome Location	1q22
Pathway	NGF signalling via TRKA from the plasma membrane; Signal Transduction; Signalling to ERKs; Trk receptor signaling mediated by the MAPK pathway
Function	GTP binding; calmodulin binding; protein binding;