



Anti-RGS16 (aa 90-179) polyclonal antibody (DPAB-DC2697)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene belongs to the regulator of G protein signaling family. It inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits. It also may play a role in regulating the kinetics of signaling in the phototransduction cascade.
Immunogen	RGS16 (NP_002919, 90 a.a. ~ 179 a.a) partial recombinant protein with GST tag. The sequence is ENLEFWLACEEFKKIRSATKLASRAHQIFEEFICSEAPKEVNIDHETRELTRMNLQTATA TCFDAAQGKTRTLMEKDSYPRFLKSPAYRD
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), 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 [RGS16 regulator of G-protein signaling 16 \[Homo sapiens \(human\) \]](#)

Official Symbol	RGS16
Synonyms	RGS16; regulator of G-protein signaling 16; RGS-R; A28-RGS14; A28-RGS14P; hRGS-r; retinal-specific RGS; regulator of G-protein signalling 16; retinally abundant regulator of G-protein signaling;
Entrez Gene ID	6004
Protein Refseq	NP_002919
UniProt ID	O15492
Chromosome Location	1q25-q31
Pathway	Calcium Regulation in the Cardiac Cell; Myometrial Relaxation and Contraction Pathways;
Function	GTPase activator activity; calmodulin binding; protein binding;