



Anti-RGS17 polyclonal antibody (DPAB-DC1313)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the regulator of G-protein signaling family. This protein contains a conserved, 120 amino acid motif called the RGS domain and a cysteine-rich region. The protein attenuates the signaling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal.
Immunogen	A synthetic peptide corresponding to human RGS17. The sequence is C-SFVESTAGSSSES
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RGS17 regulator of G-protein signaling 17 [Homo sapiens (human)]
Official Symbol	RGS17
Synonyms	RGS17; regulator of G-protein signaling 17; RGSZ2; RGS-17; hRGS17;
Entrez Gene ID	26575
Protein Refseq	NP_036551
UniProt ID	Q9UGC6
Chromosome Location	6q25.3
Pathway	Calcium Regulation in the Cardiac Cell; GPCR downstream signaling; Signal Transduction;
Function	GTPase activator activity;