



Anti-RGS17 (aa 111-210) polyclonal antibody (DPAB-DC1314)

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	RGS17 (NP_036551, 111 a.a. ~ 210 a.a) partial recombinant protein with GST tag. The sequence is LLFWLACEDLKKEQNKKVIEEKARMIYEDYISILSPKEVSLDSRVREVINRNLLDPNPHM YEDAQLQIYTLMHRDSFPRFLNSQIYKSFVESTAGSSSES
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	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;