



# Anti-RGS17 polyclonal antibody (DPAB-DC1313)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
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<b>Immunogen</b>	A synthetic peptide corresponding to human RGS17. The sequence is C-SFVESTAGSSSES
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

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