

**AP42254PU-N****Polyclonal Antibody to RGS20 (isoform 6 specific) - Aff - Purified**

<b>Alternate names:</b>	Gz-GAP, RGSZ1, Regulator of G-protein signaling 20, Regulator of G-protein signaling Z1, Regulator of Gz-selective protein signaling 1, ZGAP1
<b>Quantity:</b>	0.1 ml
<b>Background:</b>	Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi and Gq class G-alpha proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination.
<b>Uniprot ID:</b>	<a href="#">O76081</a>
<b>NCBI:</b>	<a href="#">NP_733466</a>
<b>GenelD:</b>	<a href="#">8601</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	The immunogen for anti-RGS20 antibody: synthetic peptide directed towards the N terminal of human RGS20 <b>AA Sequence:</b> KHFSRPSIWTQFLPLFRAQRYNTDIHQITENEGDLRAVPDIKSFPPAQLP
<b>Format:</b>	<b>State:</b> Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <b>Purification:</b> Purified using Protein A affinity column
<b>Applications:</b>	Western blotting (4 - 8 µg/ml) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody will detect only isoform 6 what was chosen as the canonical sequence for this protein. The immunogenic sequence is not present on isoforms 1-5.
<b>Species Reactivity:</b>	<b>Tested:</b> Human
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	Xu, G.Y., et al., (2004) J. Biomol. NMR 28 (4), 409-4108

**Pictures:**

Human HepG2; WB Suggested Anti-RGS20 Antibody Titration: 5.0ug/ml.  
Positive Control: HepG2 cell lysate;  
RGS20 antibody - N-terminal region (AP42254PU-N) in Human HepG2 cells using Western Blot

