



# Anti-ARHGEF12 (aa 817-916) polyclonal antibody (DPAB-DC1086)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli working through G protein-coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. This protein has been observed to form a myeloid/lymphoid fusion partner in acute myeloid leukemia. Two transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	ARHGEF12 (NP_056128, 817 a.a. ~ 916 a.a) partial recombinant protein with GST tag. The sequence is VSREGILSPSELRKIFSNLEDILQLHIGLNEQMKAVRKRNETSVIDQIGEDLLTWFSGPG EEKLKHAAATFCSNQPFALMIKSRQKKDSRFQTFVQDAE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ARHGEF12 Rho guanine nucleotide exchange factor (GEF) 12 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ARHGEF12
<b>Synonyms</b>	ARHGEF12; Rho guanine nucleotide exchange factor (GEF) 12; LARG; PRO2792; rho guanine nucleotide exchange factor 12; leukemia-associated RhoGEF; leukemia-associated rho guanine nucleotide exchange factor;
<b>Entrez Gene ID</b>	<a href="#">23365</a>
<b>Protein Refseq</b>	<a href="#">NP_001185594</a>
<b>UniProt ID</b>	<a href="#">B4E2K6</a>
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	Axon guidance; Developmental Biology; GPCR downstream signaling; Platelet activation
<b>Function</b>	G-protein coupled receptor binding; GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; protein binding