



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

Antigen Description	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.
Immunogen	ARHGEF12 (NP_056128, 817 a.a. ~ 916 a.a) partial recombinant protein with GST tag. The sequence is VSREGILSPSELRKIFSNLLEDILQLHIGLNEQMQKAVRKRNETSVIDQIGEDLLTWFSGPG EEKLKHAATFCSNQPFALEMIKSRSQKKDSRFQTFVQDAE
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	ARHGEF12 Rho guanine nucleotide exchange factor (GEF) 12 [Homo sapiens (human)]
Official Symbol	ARHGEF12
Synonyms	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;
Entrez Gene ID	23365
Protein Refseq	NP_001185594
UniProt ID	B4E2K6
Chromosome Location	11q23.3
Pathway	Axon guidance; Developmental Biology; GPCR downstream signaling; Platelet activation
Function	G-protein coupled receptor binding; GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; protein binding
