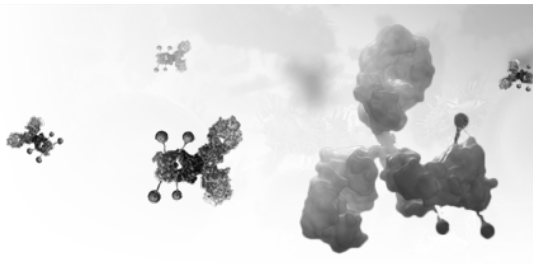

Human ARHGEF18 blocking peptide (CDBP2158)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-P114-RHO-GEF/ARHGEF18 antibody
Antigen Description	Rho GTPases are GTP binding proteins that regulate a wide spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GFE family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	ARHGEF18 Rho/Rac guanine nucleotide exchange factor (GEF) 18 [Homo sapiens (human)]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	ARHGEF18
Synonyms	ARHGEF18; Rho/Rac guanine nucleotide exchange factor (GEF) 18; P114-RhoGEF; rho guanine nucleotide exchange factor 18; SA-RhoGEF; p114RhoGEF; P114-RHO-GEF; septin-associated RhoGEF; Rho/Rac guanine nucleotide exchange factor 18; Rho-specific guanine nucleotide exchange factor p114; 114 kDa Rho-specific guanine nucleotide exchange factor;
Entrez Gene ID	23370
mRNA Refseq	NM_001130955.1
Protein Refseq	NP_001124427.1
UniProt ID	Q6ZSZ5
Chromosome Location	19p13.3
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; Disease, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Loss of Function of SMAD2/3 in Cancer, organism-specific biosystem; Loss of Function of SMAD4 in Cancer, organism-specific biosystem; Loss of Function of TGFBR1 in Cancer, organism-specific biosystem; Loss of Function of TGFBR2 in Cancer, organism-specific biosyste
Function	Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221