



Human ARHGEF4 blocking peptide (CDBP0476)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ARHGEF4 antibody
Antigen Description	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The protein encoded by this gene may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of some variants has not been determined.
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	ARHGEF4 Rho guanine nucleotide exchange factor (GEF) 4 [Homo sapiens]
Official Symbol	ARHGEF4
Synonyms	ARHGEF4; Rho guanine nucleotide exchange factor (GEF) 4; rho guanine nucleotide exchange

factor 4; APC stimulated guanine nucleotide exchange factor; ASEF; KIAA1112; STM6; APC-stimulated guanine nucleotide exchange factor 1; GEF4; ASEF1;

Entrez Gene ID	50649
mRNA Refseq	NM_015320
Protein Refseq	NP_056135
UniProt ID	Q9NR80
Chromosome Location	2q22
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem; Regulation of Actin Cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem;
Function	Rac guanyl-nucleotide exchange factor activity; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; protein binding; protein domain specific binding;