



Human RAC2 blocking peptide (CDBP2457)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-RAC2 antibody
Antigen Description	This gene encodes a member of the Ras superfamily of small guanosine triphosphate (GTP)-metabolizing proteins. The encoded protein localizes to the plasma membrane, where it regulates diverse processes, such as secretion, phagocytosis, and cell polarization. Activity of this protein is also involved in the generation of reactive oxygen species. Mutations in this gene are associated with neutrophil immunodeficiency syndrome. There is a pseudogene for this gene on chromosome 6. [provided by RefSeq, Jul 2013]
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	RAC2 ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2) [Homo sapiens]
Official Symbol	RAC2
Synonyms	RAC2; ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2);

ras-related C3 botulinum toxin substrate 2; EN 7; p21-Rac2; small G protein; rho family, small GTP binding protein Rac2; Ras-related C3 botulinum toxin substrate 3 (rho family, small GTP-binding protein Rac2); Gx; EN-7; HSPC022;

Entrez Gene ID	5880
mRNA Refseq	NM_002872
Protein Refseq	NP_002863
UniProt ID	P15153
Chromosome Location	22q13.1
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;