



Human CHN2 blocking peptide (CDBP0789)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CHN2 antibody
Antigen Description	This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that contains a phorbol-ester/diacylglycerol (DAG)-type zinc finger, a Rho-GAP domain, and an SH2 domain. The encoded protein translocates from the cytosol to the Golgi apparatus membrane upon binding by diacylglycerol (DAG). Activity of this protein is important in cell proliferation and migration, and expression changes in this gene have been detected in cancers. A mutation in this gene has also been associated with schizophrenia in men. Alternative transcript splicing and the use of alternative promoters results in multiple transcript variants.
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	CHN2 chimerin (chimaerin) 2 [Homo sapiens]
Official Symbol	CHN2
Synonyms	CHN2; chimerin (chimaerin) 2; beta-chimaerin; ARHGAP3; beta chimerin; RhoGAP3; beta-

chimerin; beta3-chimaerin; rho-GTPase-activating protein 3; BCH; CHN2-3; RHOGAP3;
MGC138360;

Entrez Gene ID	1124
mRNA Refseq	NM_001039936
Protein Refseq	NP_001035025
UniProt ID	P52757
Chromosome Location	7p15.3
Pathway	ErbB1 downstream signaling, organism-specific biosystem; Regulation of RAC1 activity, organism-specific biosystem; Rho GTPase cycle, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by Rho GTPases, organism-specific biosystem;
Function	GTPase activator activity; Rac GTPase activator activity; SH3/SH2 adaptor activity; metal ion binding;