



Human KALRN blocking peptide (CDBP1660)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Kalirin (isoform 2) antibody
Antigen Description	Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with the huntingtin-associated protein 1, which is a huntingtin binding protein that may function in vesicle trafficking. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 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	KALRN kalirin, RhoGEF kinase [Homo sapiens]
Official Symbol	KALRN
Synonyms	KALRN; kalirin, RhoGEF kinase; HAPIP, huntingtin associated protein interacting protein (duo); kalirin; ARHGEF24; DUET; duo; Hs.8004; Kalirin; serine/threonine kinase with Dbl and pleckstrin homology domains; TRAD; huntingtin-associated protein interacting protein (duo);

serine/threonine kinase with Dbl- and pleckstrin homology domains; serine/threonine-protein kinase with Dbl- and pleckstrin homology domain; DUO; CHD5; CHDS5; HAPIP; FLJ12332; FLJ16443; FLJ18196; FLJ18623;

Entrez Gene ID	8997
mRNA Refseq	NM_001024660
Protein Refseq	NP_001019831
UniProt ID	O60229
Chromosome Location	3q21.2
Pathway	Arf6 downstream pathway, organism-specific biosystem; Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; EPHB forward signaling, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem;
Function	ATP binding; Rho guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; metal ion binding; nucleotide binding; protein serine/threonine kinase activity;