



# Human IQGAP1 blocking peptide (CDBP1613)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-IQGAP1 antibody
<b>Antigen Description</b>	This gene encodes a member of the IQGAP family. The protein contains four IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility. Expression of the protein is upregulated by gene amplification in two gastric cancer cell lines. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IQGAP1 IQ motif containing GTPase activating protein 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	IQGAP1
<b>Synonyms</b>	IQGAP1; IQ motif containing GTPase activating protein 1; ras GTPase-activating-like protein IQGAP1; HUMORFA01; KIAA0051; p195; RasGAP like with IQ motifs; SAR1; RasGAP-like with IQ motifs;

<b>Entrez Gene ID</b>	<a href="#">8826</a>
<b>mRNA Refseq</b>	<a href="#">NM_003870</a>
<b>Protein Refseq</b>	<a href="#">NP_003861</a>
<b>UniProt ID</b>	P46940
<b>Chromosome Location</b>	15q26.1
<b>Pathway</b>	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; E-cadherin signaling in the nascent adherens junction, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem;
<b>Function</b>	GTPase activator activity; GTPase inhibitor activity; Rac GTPase binding; Ras GTPase activator activity; calmodulin binding; protein binding; protein phosphatase binding;