



# Human RASA4 blocking peptide (CDBP0673)

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-CAPRI/RASA4 antibody
<b>Antigen Description</b>	This gene encodes a member of the GAP1 family of GTPase-activating proteins that suppresses the Ras/mitogen-activated protein kinase pathway in response to Ca(2+). Stimuli that increase intracellular Ca(2+) levels result in the translocation of this protein to the plasma membrane, where it activates Ras GTPase activity. Consequently, Ras is converted from the active GTP-bound state to the inactive GDP-bound state and no longer activates downstream pathways that regulate gene expression, cell growth, and differentiation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Nature</b>	Synthetic
<b>Expression System</b>	N/A
<b>Species</b>	Human
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Procedure</b>	None
<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.

# ANTIGEN GENE INFORMATION

Gene Name	<a href="#">RASA4 RAS p21 protein activator 4 [ Homo sapiens ]</a>
Official Symbol	RASA4
Synonyms	RASA4; RAS p21 protein activator 4; ras GTPase-activating protein 4; CAPRI; GAPL; KIAA0538; Ca2+-promoted Ras inactivator; calcium-promoted Ras inactivator; rasGAP-activating-like protein 2; FLJ59070; MGC131890;
Entrez Gene ID	<a href="#">10156</a>
mRNA Refseq	<a href="#">NM_001079877</a>
Protein Refseq	<a href="#">NP_001073346</a>
UniProt ID	O43374
Chromosome Location	7q22-q31.1
Function	GTPase activator activity; Ras GTPase activator activity; metal ion binding;