



# Human RASA4 blocking peptide (CDBP0673)

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

## PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CAPRI/RASA4 antibody
Antigen Description	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]
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	<a href="#">RASA4 RAS p21 protein activator 4 [ Homo sapiens ]</a>
Official Symbol	RASA4

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<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">10156</a>
<b>mRNA Refseq</b>	<a href="#">NM_001079877</a>
<b>Protein Refseq</b>	<a href="#">NP_001073346</a>
<b>UniProt ID</b>	O43374
<b>Chromosome Location</b>	7q22-q31.1
<b>Function</b>	GTPase activator activity; Ras GTPase activator activity; metal ion binding;

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