



# Human RASA3 blocking peptide (CDBP2481)

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-RASA3/GAP1IP4BP antibody
<b>Antigen Description</b>	The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane. [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="#">RASA3 RAS p21 protein activator 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	RASA3

<b>Synonyms</b>	RASA3; RAS p21 protein activator 3; ras GTPase-activating protein 3; GAP1IP4BP; GAPIII; GAP1(IP4BP); ins P4-binding protein; GTPase activating protein III; Ins(1,3,4,5)P4-binding protein; inositol 1,3,4,5-tetrakisphosphate-binding protein; MGC46517; MGC47588;
<b>Entrez Gene ID</b>	<a href="#">22821</a>
<b>mRNA Refseq</b>	<a href="#">NM_007368</a>
<b>Protein Refseq</b>	<a href="#">NP_031394</a>
<b>UniProt ID</b>	Q14644
<b>Chromosome Location</b>	13q34
<b>Pathway</b>	MAPK Cascade, organism-specific biosystem;
<b>Function</b>	GTPase activator activity; Ras GTPase activator activity; calcium-release channel activity; metal ion binding;