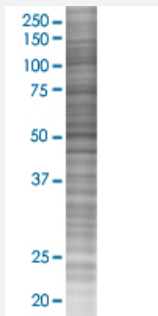


RASA3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00022821-T02

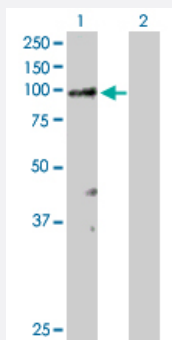
Size 100 uL

Applications



SDS-PAGE Gel

RASA3 transfected lysate.



Western Blot

Lane 1: RASA3 transfected lysate (95.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RASA3 full-length
Host	Human
Theoretical MW (kDa)	95.7
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RASA3 antibody ([H00022821-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 RASA3 transfected lysate.
 Western Blot
 Lane 1: RASA3 transfected lysate (95.70 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RASA3

Entrez GeneID

[22821](#)

GeneBank Accession#

[NM_007368](#)

Protein Accession#

[NP_031394.2](#)

Gene Name

RASA3

Gene Alias

GAP1IP4BP, GAPIII, MGC46517, MGC47588

Gene Description

RAS p21 protein activator 3

Omim ID

[605182](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]

Other Designations

GTPase activating protein III|Ins(1,3,4,5)P4-binding protein|inositol 1,3,4,5-tetrakisphosphate-binding protein