

Rabbit Anti-RASA2/Cy5 Conjugated antibody

SL6171R-Cy5

Product Name	Anti-RASA2/Cy5
Chinese Name	Cy5 标记的 RAS 的 GTP 酶激活蛋白抗体
Alias	GAP1M; GTPase activating protein of RAS; Ras GTPase activating protein 2; Ras GTPase-activating protein 2; RAS p21 protein activator 2; RASA2; RASA2_HUMAN; RASGAP.
Research Area	Tumour Cell biology Chromatin and nuclear signals Cyclin Cell differentiation
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	96kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human RASGAP
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: 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 particular family member has a perinuclear localization and is an inositol 1,3,4,5-tetrakisphosphate-binding protein; a compound suggested to function as a second messenger. [provided by RefSeq, Jul 2008].

Function:

Inhibitory regulator of the Ras-cyclic AMP pathway. Binds inositol tetrakisphosphate (IP4).

Subcellular Location:

Cytoplasm. Cytoplasm, perinuclear region.

Similarity:

Contains 1 Btk-type zinc finger.

Contains 2 C2 domains.

Contains 1 PH domain.

Contains 1 Ras-GAP domain.

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.