



Rabbit Anti-Human ARAF monoclonal antibody, clone KK19-79 (CABT-L820)

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

PRODUCT INFORMATION

Target	A-RAF
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KK19-79
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	68 kDa
Cellular Localization	Cytosol.
Positive Control	A431, NIH/3T3, Hela, human breast carcinoma tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

Several serine/threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK/MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 is a cytoplasmic protein with intrinsic serine/ threonine activity. It is broadly expressed in nearly all cell lines tested to date and is the cellular homolog of v-Raf, the product of the transforming gene of the 3611 strain of murine sarcoma virus. The unregulated kinase activity of the v-Raf protein has been associated with transformation and mitogenesis while the activity of Raf-1 is normally suppressed by a regulatory N-terminal domain. A-Raf, a second member of the Raf gene family of serine/threonine protein kinases, exhibits substantial homology to Raf-1 within the kinase domain of the two molecules, but less homology elsewhere. Expression of A-Raf is found at highest levels in urogenital tissues and kidney and at lowest level in brain tissue.

Keywords

A raf 1;A Raf proto oncogene serine/threonine protein kinase;ARAF 1;Araf;ARaf proto oncogene serine/threonine protein kinase;ARAF_HUMAN;ARAF1;Oncogene Araf1;Oncogene PKS2;PKS 2;PKS;PKS2;Proto oncogene Pks;Proto-oncogene A-Raf;Proto-oncogene A-Raf-1;Proto-oncogene Pks;RAFA 1;RAFA1;Ras binding protein DA Raf;Serine/threonine-protein kinase A-Raf;v raf murine sarcoma 3611 viral oncogene homolog;v raf murine sarcoma 3611 viral oncogene homolog 1;v raf oncogene homolog 1 (murine sarcoma 3611 virus) antibody

GENE INFORMATION

Entrez Gene ID

[369](#)

UniProt ID

[P10398](#)
