



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 |
