



## Rabbit Anti-Phospho-A Raf (Ser299) antibody

SL3371R

<b>Product Name:</b>	Phospho-A Raf (Ser299)
<b>Chinese Name:</b>	磷酸化A-Raf抗体
<b>Alias:</b>	A RAF (phospho S299); p-A RAF (phospho S299); A RAF (phospho S299); p-A RAF (phospho S299); A raf 1; A Raf proto oncogene serine/threonine protein kinase; ARAF 1; ARAF; ARaf proto oncogene serine/threonine protein kinase; ARAF1; Oncogene Araf1; Oncogene PKS2; PKS 2; PKS; PKS2; Proto oncogene Pks; RAFA 1; RAFA1; Ras binding protein DA 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); ARAF HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	67kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated Synthesised phosphopeptide derived from human A Raf around the phosphorylation site of Ser299:RD(p-S)G
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed:**[PubMed](#)

The RAF family of signaling proteins has three isoforms: A RAF, RAF 1 and B RAF. These proteins are instrumental in forwarding the stimulus generated by mitogens from monomeric G proteins to the MAP kinase pathway. RAF 1 is known to be downstream of Ras and binds to it by an N terminal noncatalytic domain. This domain is conserved in A RAF and B RAF. 14-3-3 is also known to be an activator of RAFs. Activated RAF directly phosphorylates and activates MEK. A RAF is expressed at a very high concentration in urogenital and kidney tissues.

**Function:**

Involved in the transduction of mitogenic signals from the cell membrane to the nucleus.

**Subunit:**

Interacts with TH1L/NELFD.

**Tissue Specificity:**

Predominantly in urogenital tissues.

**Similarity:**

Belongs to the protein kinase superfamily. TKL Ser/Thr protein kinase family. RAF subfamily.

Contains 1 phorbol-ester/DAG-type zinc finger.

Contains 1 protein kinase domain.

Contains 1 RBD (Ras-binding) domain.

**SWISS:**

P10398

**Gene ID:**

369

**Database links:**

[Entrez Gene: 369](#)Human

[Entrez Gene: 397601](#)Pig

[Entrez Gene: 64363](#)Rat

[Entrez Gene: 403063](#)Zebrafish

[Omim: 311010](#)Human

[SwissProt: P10398](#)Human

[SwissProt: O19004](#)Pig

[SwissProt: P14056](#)Rat

**Product Detail:**

[Unigene: 446641](#)Human

[Unigene: 1714](#)Rat

**Important Note:**

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

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