

Datasheet for ABIN967727
anti-ARAF antibody (AA 183-199)

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Overview

Quantity:	50 µg
Target:	ARAF
Binding Specificity:	AA 183-199
Reactivity:	Human, Mouse, Rat, Dog, Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ARAF antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Mouse A-Raf aa. 183-199
Clone:	1-A
Isotype:	IgG1
Cross-Reactivity:	Human, Chicken, Dog (Canine), Rat (Rattus)
Characteristics:	<ol style="list-style-type: none">1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.2. Please refer to us for technical protocols.3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.4. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

Product Details

Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
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Target Details

Target:	ARAF
Alternative Name:	A-Raf (ARAF Products)
Background:	A-Raf, a proto-oncogene that encodes a 68 kDa serine/threonine-specific protein kinase, shows strong homology to c-Raf and v-Raf in the kinase region of the molecule. c-Raf appears to be uniformly and ubiquitously expressed, but A-Raf expression is much more variable. A-Raf is found at highest levels in urogenital and kidney tissues, with the lowest levels found in brain. Cell transformation by A-Raf has been shown to be independent of p21[ras], suggesting the possibility of an independent signal transduction pathway. This antibody is routinely tested by western blot analysis.
Molecular Weight:	68 kDa
Pathways:	MAPK Signaling , RTK Signaling , Hepatitis C

Application Details

Comment:	Related Products: ABIN968533, ABIN967389
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	250 µg/mL
Buffer:	Aqueous buffered solution containing BSA, glycerol, and ≤0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store undiluted at -20° C.

Publications

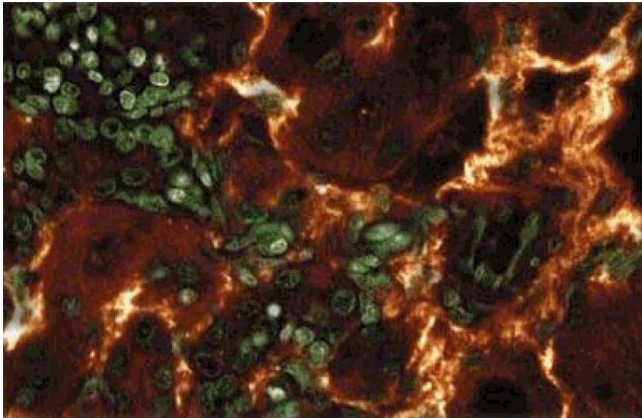
- Product cited in: Gomez, Pritchard, Herbert: "cAMP-dependent protein kinase and Ca²⁺ influx through L-type voltage-gated calcium channels mediate Raf-independent activation of extracellular regulated kinase in response to glucagon-like peptide-1 in pancreatic beta-cells." in: **The Journal of biological chemistry**, Vol. 277, Issue 50, pp. 48146-51, (2002) ([PubMed](#)).
- Storm, Cleveland, Rapp: "Expression of raf family proto-oncogenes in normal mouse tissues." in: **Oncogene**, Vol. 5, Issue 3, pp. 345-51, (1990) ([PubMed](#)).
- Rapp, Heidecker, Huleihel, Cleveland, Choi, Pawson, Ihle, Anderson: "raf family serine/threonine protein kinases in mitogen signal transduction." in: **Cold Spring Harbor symposia on quantitative biology**, Vol. 53 Pt 1, pp. 173-84, (1989) ([PubMed](#)).
- Huleihel, Goldsborough, Cleveland, Gunnell, Bonner, Rapp: "Characterization of murine A-raf, a new oncogene related to the v-raf oncogene." in: **Molecular and cellular biology**, Vol. 6, Issue 7, pp. 2655-62, (1987) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of A-Raf on SKN, a human neuroblastoma, cell lysate. Lane 1: 1:1000, lane 2: 1:2000, lane 3: 1:4000 dilution of the anti- A-Raf antibody.



Immunofluorescence

Image 2. Immunoflourescence staining of rabbit kidney.

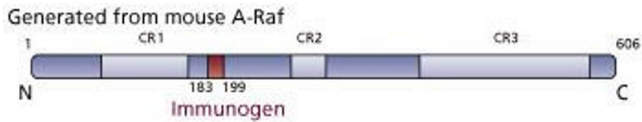


Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN967727.