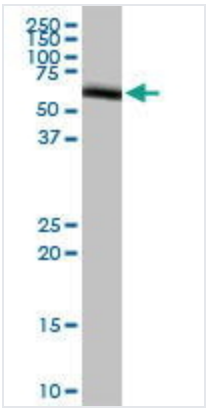
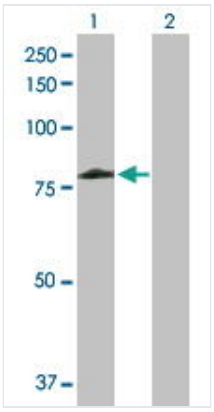
RAF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

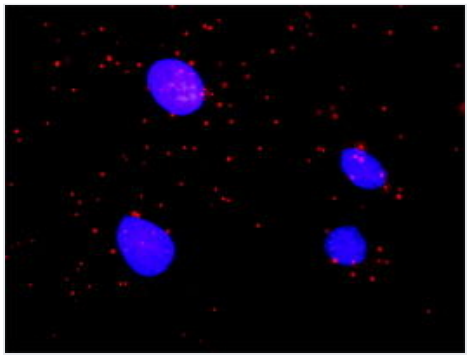
Product Name	RAF, Polyclonal Antibody
Full Product Name	RAF (Serine/Threonine-protein Kinase A-Raf, Proto-oncogene A-Raf-1, Proto-oncogene A-Raf, Proto-oncogene Pks, ARAF, ARAF1, PKS, PKS2) (AP)
Product Gene Name	anti-RAF antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ARAF.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri
Immunogen	Full length human ARAF, aa1-606 (NP_001645.1).
Immunogen Sequence	MEPPRGPPANGAEPSRAVGTVKVYLPNKQRTVVTVRDGMSVYDSLDKALKVRGLNQDCCVVYRLIKGRKTVTAWDTAIAPLDGEELIVEVLEDVPLTMHN
Conjugate	AP
Note	Preservative Free
Product Categories/Family for anti-RAF antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-RAF antibody	Western Blot (WB)
Application Notes for anti-RAF antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RAF antibody	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid cascades, consisting of a MAPK and one or more upstream regulatory kinases (MAPKKs) have been best characterized in the yeast pheromone respo
Other Notes	Small volumes of anti-RAF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessar
Searchable Terms for RAF purchase	MBS6391902 is an antibody targeting RAF. Also known as RAF (Serine/Threonine-protein Kinase A-Raf, Proto-oncogene A-Raf-1, Proto-oncogene A-R



Western Blot (WB) of anti-RAF antibody
ARAF rabbit polyclonal antibody. Western Blot analysis of ARAF expression in human placenta.



Western Blot (WB) of anti-RAF antibody
Western Blot analysis of ARAF expression in transfected 293T cell line by ARAF polyclonal antibody. Lane 1: ARAF transfected lysate (67.6kD). Lane 2: Non-transfected lysate.



Testing Data of anti-RAF antibody
Proximity Ligation Analysis (PLA) of protein-protein interactions between ARAF and BRAF. HeLa cells were stained with ARAF rabbit purified polyclonal 1:1200 and BRAF mouse monoclonal antibody 1:50. Signals were detected by 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RAF. It may not necessarily be applicable to this product.

NCBI GI #	4502192
NCBI GeneID	369
NCBI Accession #	NM_001654.1
UniProt Related Accession #	P10398
GenBank Nucleotide #	NM_001654.1
NCBI Official Full Name	Homo sapiens v-raf murine sarcoma 3611 viral oncogene homolog (ARAF), mRNA
NCBI Official Synonym Full Names	A-Raf proto-oncogene, serine/threonine kinase
NCBI Official Symbol	ARAF
NCBI Official Synonym Symbols	PKS2; A-RAF; ARAF1; RAFA1
Protein Family	Raf homolog serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase A-Raf
NCBI Summary for RAF	This proto-oncogene belongs to the RAF subfamily of the Ser/Thr protein kinase family, and maybe involved in cell growth and development. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2012]

Research Articles on RAF	**1.** The constitutive or induced re-localization of A-Raf to the plasma membrane compromises its ability to efficiently sequester and inactivate MST2, thus rendering cells susceptible to apoptosis
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