

Rabbit anti-Human, Mouse Phospho-RAF1-S259 Antibody | anti-RAF1-S259 antibody

Phospho-RAF1-S259 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280628	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

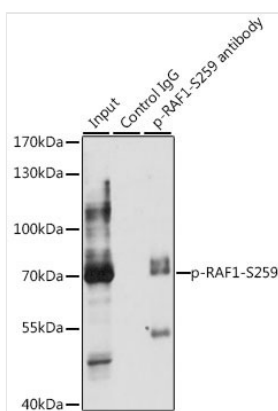
PRODUCT SYNONYMS

Phospho-RAF1-S259; Phospho-RAF1-S259 Polyclonal Antibody; RAF1; CMD1NN; CRAF; NS5; Raf-1; c-Raf; Raf-1 p roto-oncogene; serine/threonine kinase; anti-RAF1-S259 antibody

PRODUCT SPECIFICATIONS

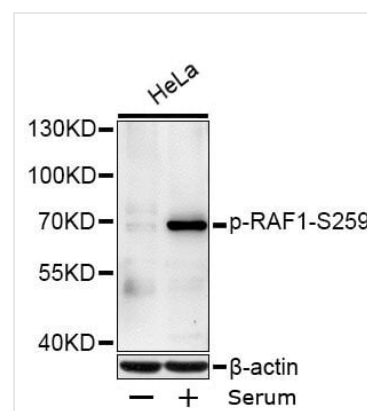
Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	648
Applicable Applications for anti-RAF1-S259 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around S259 of human RAF1 (NP_002871.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of HeLa cells, using 3 ug Phospho-RAF1-S259 pAb (AAA280628). Western blot was performed from the immunoprecipitate using Phospho-RAF1-S259 pAb (AAA280628) at a dilution of 1:1000. HeLa cells were treated by 10% FBS at 37°C for 30 minutes after serum-starvation overnight.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Phospho-RAF1-S259 antibody (AAA280628) at 1:1000 dilution. HeLa cells were treated by 10% FBS after serum-starvation overnight. Secondary antibody: HRP Goat Anti- Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-RAF1-S259 antibody	This gene is the cellular homolog of viral raf gene (v-raf). The encoded protein is a MAP kinase kinase kinase (MAP3K), which functions downstream of the Ras family of membrane associated GTPases to which it binds directly. Once activated, the cellular RAF1 protein can phosphorylate to activate the dual specificity protein kinases MEK1 and MEK2, which in turn phosphorylate to activate the serine/threonine specific protein kinases, ERK1 and ERK2. Activated ERKs are pleiotropic effectors of cell physiology and play an important role in the control of gene expression involved in the cell division cycle, apoptosis, cell differentiation and cell migration. Mutations in this gene are associated with Noonan syndrome 5 and LEOPARD syndrome 2.
Product Categories/Family for anti-RAF1-S259 antibody	Phosphorylated

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506401
NCBI GeneID	5894
NCBI Accession #	NP_002871.1
NCBI GenBank Nucleotide #	NM_002880.3
UniProt Accession #	P04049; Q15278; Q9UC20; B0LPH8; B2R5N3
Molecular Weight	Observed MW: 73kDa Calculated MW: 73kDa/75kDa
NCBI Official Full Name	RAF proto-oncogene serine/threonine-protein kinase
NCBI Official Synonym Full Names	Raf-1 proto-oncogene, serine/threonine kinase
NCBI Official Symbol	RAF1
NCBI Official Synonym Symbols	NS5; CRAF; Raf-1; c-Raf; CMD1NN
NCBI Protein Information	RAF proto-oncogene serine/threonine-protein kinase
UniProt Protein Name	RAF proto-oncogene serine/threonine-protein kinase
UniProt Gene Name	RAF1
UniProt Synonym Gene Names	RAF; cRaf
UniProt Entry Name	RAF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-antibody/phospho-raf1-s259/280628>