

Rabbit anti-Human MEK2 Polyclonal Antibody | anti-MEK2 antibody

Rabbit anti-MEK2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211778	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MEK2; Polyclonal Antibody; Rabbit anti-MEK2 Antibody; Affinity Purified; MAPKK 2; MKK2; mitogen-activated protein kinase kinase 2; p45; PRKMK2; MAPKK2; MAP kinase kinase 2; ERK activator kinase 2; dual specificity mitogen-activated protein kinase kinase 2; CFC4; MEK 2; MAPK/ERK kinase 2; Dual specificity mitogen-activated protein kinase kinase 2; anti-MEK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MEK2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse, Dog
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MEK2 by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MEK2 antibody AAA211778 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. MEK2 was also immunoprecipitated by rabbit anti-MEK2 antibody which recognizes a downstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).



IHC (Immunohistochemistry)

Detection of human MEK2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-MEK2 (Cat. No. AAA211778 Lot1) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-MEK2 antibody

MEK2 (MAP2K2) is a dual specificity protein kinase that belongs to the MAP kinase kinase family. MEK2 is known to play a critical role in mitogen growth factor signal transduction. It phosphorylates and thus activates MAPK1/ERK2 and MAPK2/ERK3, and is involved in a multitude of cellular processes such as proliferation, differentiation, gene activation, and development [taken from NCBI Entrez Gene (Gene ID: 5605)].

NCBI AND UNIPROT INFORMATION

NCBI GI #	13489054
NCBI GeneID	5605
NCBI Accession #	NP_109587.1
NCBI GenBank Nucleotide #	NM_030662.3
UniProt Accession #	P36507
Molecular Weight	400
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 2
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 2
NCBI Official Symbol	MAP2K2
NCBI Official Synonym Symbols	CFC4; MEK2; MKK2; MAPKK2; PRKMK2
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 2; MAPK/ERK kinase 2; MAP kinase kinase 2; ERK activator kinase 2; mitogen-activated protein kinase kinase 2, p45
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 2
UniProt Gene Name	MAP2K2
UniProt Synonym Gene Names	MEK2; MKK2; PRKMK2; MAP kinase kinase 2; MAPKK 2; MEK 2
UniProt Entry Name	MP2K2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mek2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211778>