

MEK2 Rabbit pAb

db20554

Package : 20µL 50µL 100µL

Product Name : MEK2 Rabbit pAb**Cat.No.:** db20554**Synonyms** : CFC4; MEK2; MKK2; MAPKK2; PRKMK2**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse**Host species** : Rabbit**Background**

The protein encoded by this gene is a dual specificity protein kinase that belongs to the MAP kinase kinase family. This kinase is known to play a critical role in mitogen growth factor signal transduction. It phosphorylates and thus activates MAPK1/ERK2 and MAPK2/ERK3. The activation of this kinase itself is dependent on the Ser/Thr phosphorylation by MAP kinase kinase kinases. Mutations in this gene cause cardiofaciocutaneous syndrome (CFC syndrome), a disease characterized by heart defects, cognitive disability, and distinctive facial features similar to those found in Noonan syndrome. The inhibition or degradation of this kinase is also found to be involved in the pathogenesis of Yersinia and anthrax. A pseudogene, which is located on chromosome 7, has been identified for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human MEK2

Gene ID

5605

Swiss Prot

P36507

Synonyms

CFC4; MEK2; MKK2; MAPKK2; PRKMK2

Reactivity

Human, Mouse

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000

IHC: 1:20

ICC/IF: 1:20

FC: 1:20

IP: 1:20

Calculated MW

43 kDa

Observed MW

43 kDa

Host species

Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.