

## Anti-MEKK2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P011334

### Product Information

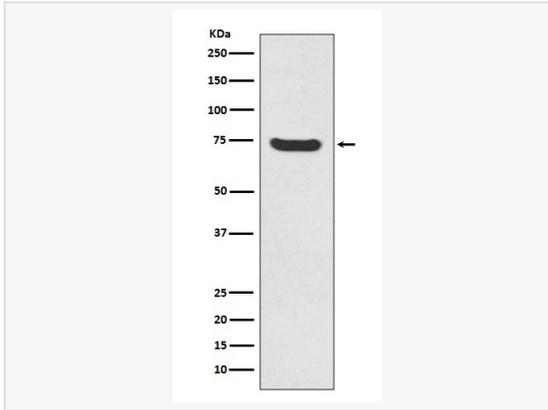
Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), IP, FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human MEKK2
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-MEKK2 antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

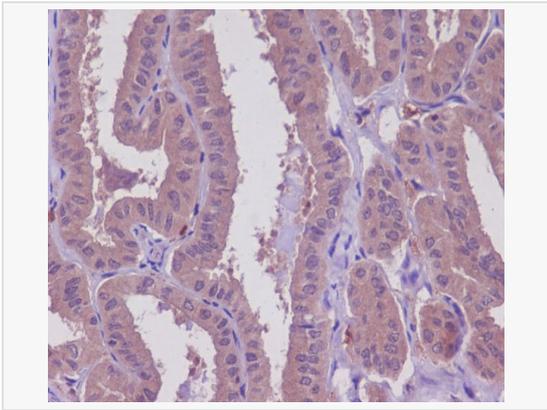
Synonyms	MAP3K2, MAPKKK2, MEKK2, Mitogen-activated protein kinase kinase kinase 2, MAPK/ERK kinase kinase 2, MEK kinase 2, MEKK 2.
Calculated MW	Calculated MW: 70 kDa; Observed MW: 70 kDa
Uniprot ID	Q9Y2U5
Gene ID	10746
Background	The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates the kinases involved in the MAP kinase signaling pathway including MAPK7 and MAP2K4. This kinase has been shown to directly phosphorylate and activate I $\kappa$ B kinases (IKKs), and thus plays a role in NF- $\kappa$ B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2 (PRKCL2/PRK2), which suggests its involvement in PRKCL2 regulated signaling process.

## Validation Images

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Western blot analysis of MEKK2 in HeLa lysates using MEKK2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using MEKK2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.