

Datasheet for ABIN7443170
anti-MEK2 antibody (AA 86-331)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	MEK2 (MAP2K2)
Binding Specificity:	AA 86-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Mitogen Activated Protein Kinase Kinase 2 (MAP2K2)
Immunogen:	Recombinant Mitogen Activated Protein Kinase Kinase 2 (MAP2K2) corresponding to Val86~Pro331 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MAP2K2. It has been selected for its ability to recognize MAP2K2 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Horse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

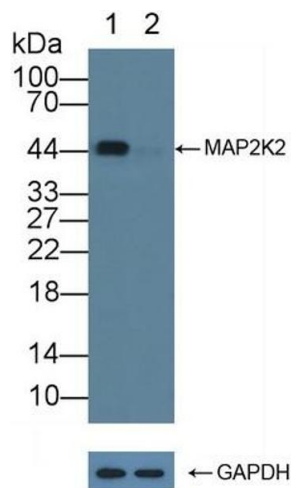
Target:	MEK2 (MAP2K2)
Alternative Name:	MAP2K2
Background:	MAPKK2, MEK2, MKK2, PRKMK2, ERK activator kinase 2, Dual specificity mitogen-activated protein kinase kinase 2
UniProt:	P36507
Pathways:	MAPK Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Knockout Varification: Lane 1: Wild-type Hela cell lysate, Lane 2: MAP2K2 knockout Hela cell lysate, Predicted MW: 44kd Observed MW: 44kd Primary Ab: 5 µg/mL Rabbit Anti-Human MAP2K2 Antibody Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (ABIN6950948)