

Datasheet for ABIN5688866

**anti-Mitogen-Activated Protein Kinase (MAPK) (C-Term)
antibody**[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	Mitogen-Activated Protein Kinase (MAPK)
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Peptide corresponding to amino acid residues from the C-terminus of rat ERK/MAPK.
Purification:	Affinity Purified

Target Details

Target:	Mitogen-Activated Protein Kinase (MAPK)
Alternative Name:	MAPK (MAPK Products)
Background:	Extracellular-Signal Regulated Kinase/Mitogen-Activated Protein Kinase (ERK/MAPK) is an integral component of cellular signaling during mitogenesis and differentiation of mitotic cells and also is thought to play a key role in learning and memory (Adams and Sweatt, 2002, Ahn, 1993, Tanoue and Nishida, 2003, Johnson and Lapadat, 2002). The activity of this kinase is regulated by dual phosphorylation at Thr202 and Tyr204 (Ahn, 1993).

Target Details

Molecular Weight:	42/44 kDa
Gene ID:	116590
UniProt:	P63086
Pathways:	VEGF Signaling

Application Details

Application Notes:	The antibody has been directly tested for reactivity in Western blots with rat tissue. It is anticipated that the antibody will also react with mouse tissue based on the fact that this species has 100 % homology with the amino acid sequence used as antigen.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per mL BSA and 50 % glycerol.
Storage:	-20 °C
Storage Comment:	MAPK antibody can be stored at -20°C and is stable at -20°C for at least 1 year.