

**CAB16686**

## Product Information

<b>Product SKU:</b>	CAB16686	<b>Gene ID:</b>	5594/5595	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

## Additional Information

<b>Observed MW:</b>	42kDa/44kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	36kDa/41kDa/38kDa/40kDa/43kDa	<b>Isotype:</b>	IgG

## Immunogen Information

**Background:** MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals, and are involved in a wide variety of cellular processes such as proliferation, differentiation, transcription regulation and development. The activation of this kinase requires its phosphorylation by upstream kinases. Upon activation, this kinase translocates to the nucleus of the stimulated cells, where it phosphorylates nuclear targets.

**Recommended Dilution:** WB,1:500 - 1:1000 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

**Synonyms:** MAPK1/MAPK3; ERK1 / ERK2

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ERK1 / ERK2 (NP\_620407.1/NP\_002737.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.