

Phospho-ERK1/2(Thr202/Tyr204) antibody

Product Information

Catalog No.:	FNab11033
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

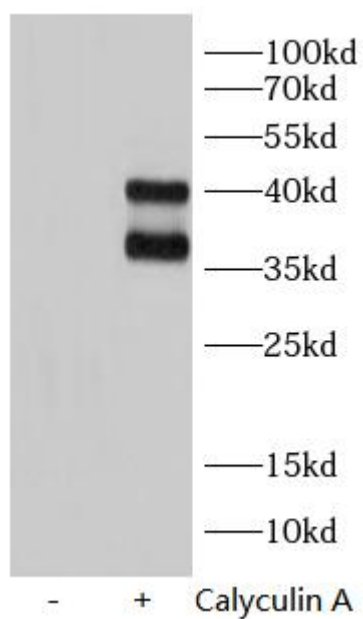
The protein encoded by this gene is a member of the MAP kinase family. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act in a signaling cascade that regulates various cellular processes such as proliferation, differentiation, and cell cycle progression in response to a variety of extracellular signals. This kinase is activated by upstream kinases, resulting in its translocation to the nucleus where it phosphorylates nuclear targets. Alternatively spliced transcript variants encoding different protein isoforms have been described.

Immunogen information

Immunogen:	mitogen-activated protein kinase 3
Synonyms:	ERK (Thr202/Tyr204) ERK1/2 (Thr202/Tyr204) p ERK p ERK (Thr202/Tyr204) p ERK1/2
Observed MW:	38-40 kDa
Uniprot ID :	P27361

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB
Recommended dilution: WB:	1:500 - 1:2000
Image:	



293T cells were subjected to SDS PAGE followed by western blot with FNab11033 at dilution of 1:1000; 293T cells were treated by Calyculin A (100nM) at 37°C for 30min after serum-starvation overnight.