

Rabbit ERK 1/2 Polyclonal Antibody | anti-ERK 1/2 antibody

Phospho-ERK 1/2 (Y204) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172558	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ERK 1/2; Polyclonal Antibody; Phospho-ERK 1/2 (Y204) Polyclonal Antibody; MAPK3; ERK1; PRKM3; Mitogen-activated protein kinase 3; MAP kinase 3; MAPK 3; ERT2; Extracellular signal-regulated kinase 1; ERK-1; Insulin-stimulated MAP2 kinase; MAP kinase isoform p44; p44-MAPK; Microtubule-associated protein 2 kinase; p; anti-ERK 1/2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Applicable Applications for anti-ERK 1/2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human ERK 1/2 around the phosphorylation site of Tyr204.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



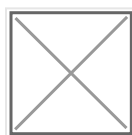
IF (Immunofluorescence)

Immunofluorescence analysis of Rat spleen tissue with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human uterus tissue with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:200



WB (Western Blot)

Western Blot analysis of HepG2 cells with Phospho-ERK 1/2 (Tyr204) Polyclonal Antibody at dilution of 1:2000

ADDITIONAL INFORMATION

Related Product Information for anti-ERK 1/2 antibody	Involved in both the initiation and regulation of meiosis, mitosis, and postmitotic functions in differentiated cells by phosphorylating a number of transcription factors such as ELK1. Phosphorylates EIF4EBP1; required for initiation of translation. Phosphorylates microtubule-associated protein 2 (MAP2). Phosphorylates SPZ1 (By similarity). Phosphorylates heat shock factor protein 4 (HSF4) and ARHGEF2.Acts as a transcriptional repressor. Binds to a [GC]AAA[GC] consensus sequence. Repress the expression of interferon gamma-induced genes. Seems to bind to the promoter of CCL5, DMP1, IFIH1, IFITM1, IRF7, IRF9, LAMP3, OAS1, OAS2, OAS3 and STAT1. Transcriptional activity is independent of kinase activity.
Product Categories/Family for anti-ERK 1/2 antibody	Phospho Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	927544365
Molecular Weight	Calculated MW: 43 kDa Observed MW: 44+42kDa
NCBI Official Full Name	Erk
UniProt Protein Name	Mitogen-activated protein kinase
UniProt Entry Name	A0A0M4M1D3_LEPDE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/erk-1-2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/172558>