

Rabbit ERK2 Polyclonal Antibody | anti-ERK2 antibody

ERK2 Polyclonal Antibody

CATALOG # AAA311084	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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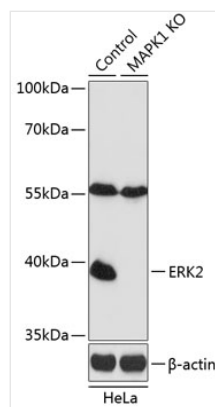
PRODUCT SYNONYMS

ERK2; Polyclonal Antibody; ERK2 Polyclonal Antibody; MAPK1; ERK; ERK-2; ERT1; MAPK2; P42MAPK; PRKM1; PRKM2; p38; p40; p41; p41mapk; p42-MAPK; mitogen-activated protein kinase 1; anti-ERK2 antibody

PRODUCT SPECIFICATIONS

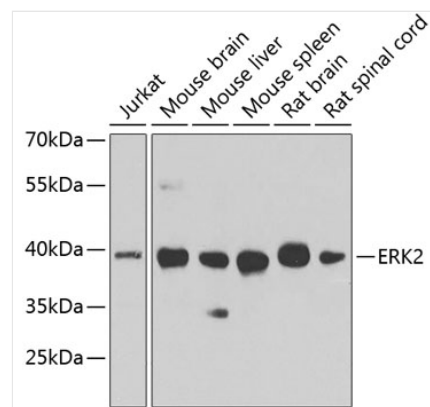
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ERK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human ERK2 (NP_620407.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from normal (control) and ERK2 knockout (KO) HeLa cells, using ERK2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ERK2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ERK2 antibody	This gene encodes a member of the MAP kinase family. 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. One study also suggests that this protein acts as a transcriptional repressor independent of its kinase activity. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. Two alternatively spliced transcript variants encoding the same protein, but differing in the UTRs, have been reported for this gene.
Product Categories/Family for anti-ERK2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	20986531
NCBI GeneID	5594
NCBI Accession #	NP_620407.1
NCBI GenBank Nucleotide #	NM_138957.2
UniProt Accession #	P28482; A8CZ64
Molecular Weight	43.5 kDa
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK; p38; p40; p41; ERK2; ERT1; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk
NCBI Protein Information	mitogen-activated protein kinase 1; ERK-2; MAPK 2; p42-MAPK; MAP kinase 1; MAP kinase 2; MAP kinase isoform p42; protein tyrosine kinase ERK2; mitogen-activated protein kinase 2; extracellular signal-regulated kinase 2
UniProt Protein Name	Mitogen-activated protein kinase 1
UniProt Gene Name	MAPK1
UniProt Synonym Gene Names	ERK2; PRKM1; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_HUMAN

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/erk2-antibody-immunohistochemistry-western-blot-elisa/311084>