

Rabbit anti-Human ERK5 Polyclonal Antibody | anti-ERK5 antibody

Rabbit anti-ERK5 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211953	Rabbit	Human	Immunoprecipitation, Western Blot

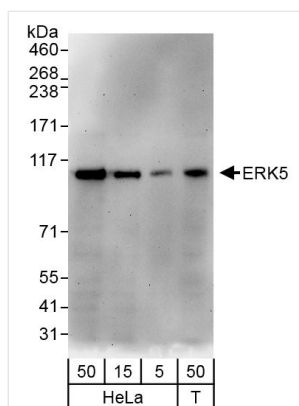
PRODUCT SYNONYMS

ERK5; Polyclonal Antibody; Rabbit anti-ERK5 Antibody; Affinity Purified; mitogen-activated protein kinase 7; MAPK 7; MAP kinase 7; extracellular-signal-regulated kinase 5; PRKM7; Extracellular signal-regulated kinase 5; ERK4; BMK1 kinase; BMK-1; BMK1; big MAP kinase 1; ERK-5; Mitogen-activated protein kinase 7; anti-ERK5 antibody

PRODUCT SPECIFICATIONS

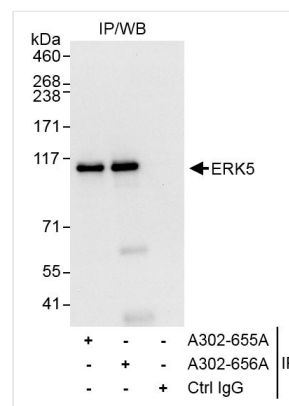
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-ERK5 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 766 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human ERK5 by western blot. Samples: Whole cell lysate from HeLa (5, 15, and 50 ug) and HEK293T (T; 50 ug) cells. Antibody: Affinity purified rabbit anti-ERK5 antibody AAA211953 (lot AAA211953) used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human ERK5 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-ERK5 antibody AAA211953 (lot AAA211953-1) used for IP at 3 ug/mg lysate. ERK5 was also immunoprecipitated by rabbit anti-ERK5 antibody which recognizes an upstream epitope. For blotting immunoprecipitated ERK5, AAA211953 was used at 1.0 ug/ml. Detection: Chemiluminescence with exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ERK5 antibody	ERK5 (extracellular signal-regulated kinase 5) is a member of the MAP kinase family. ERK5 is also known as MAPK7 (mitogen-activated protein kinase 7). ERK5 is specifically activated by mitogen-activated protein kinase kinase 5 (MAP2K5/MEK5). It is involved in the downstream signaling processes of various receptor molecules including receptor type kinases, and G protein-coupled receptors [taken from NCBI Entrez Gene (GeneID: 5598)].
Product Categories/Family for anti-ERK5 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	20986497
NCBI GeneID	5598
NCBI Accession #	NP_002740.2
NCBI GenBank Nucleotide #	NM_002749.3
UniProt Accession #	Q13164; Q16634; Q59F50; Q6QLU7; Q7L4P4; Q969G1; Q96G51
Molecular Weight	88,386 Da
NCBI Official Full Name	mitogen-activated protein kinase 7 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 7
NCBI Official Symbol	MAPK7
NCBI Official Synonym Symbols	BMK1; ERK4; ERK5; PRKM7
NCBI Protein Information	mitogen-activated protein kinase 7; BMK-1; ERK-5; MAPK 7; BMK1 kinase; MAP kinase 7; big MAP kinase 1; extracellular signal-regulated kinase 5; extracellular-signal-regulated kinase 5
UniProt Protein Name	Mitogen-activated protein kinase 7
UniProt Gene Name	MAPK7
UniProt Synonym Gene Names	BMK1; ERK5; PRKM7; MAP kinase 7; MAPK 7; BMK-1; ERK-5
UniProt Entry Name	MK07_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/erk5-antibody-immunoprecipitation-western-blot-elisa/211953>