

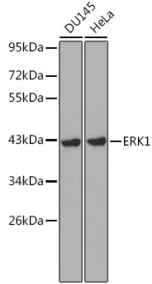
## Anti-ERK1 Antibody (A12556)

### Specifications:

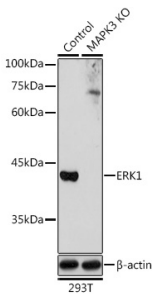
Name:	Anti-ERK1 Antibody
Description:	Rabbit polyclonal antibody to ERK1.
Applications:	WB, IHC, ICC/IF
Recommended Dilutions:	WB: 1:500-1:2,000, IHC: 1:50-1:200, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-379 of human ERK1 (NP_002737.2).
Sequence:	MAAAAAQGGGGGEPRTGEGVPGVPGEVEMVKGQPFVGPRTQLQYIGEGAYGMVSS AYDHVRKTRVAIKKISPFEHQTYCQRTLREIQILLRFRHENVIGIRDILRASTLEAMR DVYIVQDLMETDLYKLLKSQQLSNDHICYFLYQILRGLKYIHSANVLHRDLKPSNLLI NTTCDLKICDFGLARIADPEHDHTGFLTEYVATRWYRAPEIMLNSKGYTKSIDIWSVG CILAEMLSNRPIFPKGKHYLDQLNHILGILGSPSQEDLNCIINMKARNYLQSLPSKTKV AWAKLFPKSDSKALDLLDRMLTFNPNKRITVEEALAHYPYEQYYDPTDEPVAEEPFTF AMELDDLPKERLKEKELIFQETARFQPGVLEAP
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	40 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.02% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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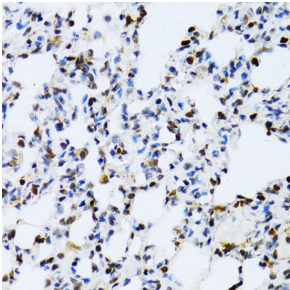
### Images:



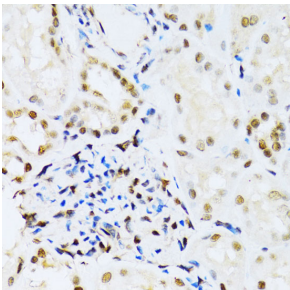
Western blot analysis of extracts of various cell lines, using Anti-ERK1 Antibody (A12556) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST.



Western blot analysis of extracts from normal (control) and ERK1 Rabbit polyclonal antibody knockout (KO) 293T cells, using Anti-ERK1 Antibody (A12556) at 1:1,000 dilution. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25 $\mu$ g per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded rat lung using Anti-ERK1 Antibody (A12556) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human kidney using Anti-ERK1 Antibody (A12556) at a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.