

Product Datasheet

ERK1 Antibody (0B0C1) NBP3-15776-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-15776-100ul

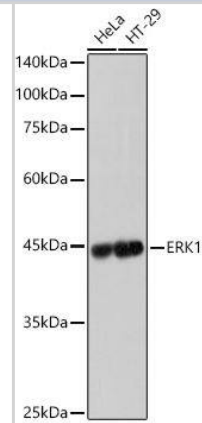
ERK1 Antibody (0B0C1)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0B0C1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	43 kDa
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit ERK1 Antibody (0B0C1) (NBP3-15776) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ERK1 (P27361). MAAAAQGGGGGEP RRTEGVGPGVPGEVEMVKGQPFVDVGP RYTQLQYIGEG AYGMVSSAYDHVRKTRVAIKKISPFEHQTYCQRTLREIQILLRFRHENV
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/Immunofluorescence 1:100 - 1:800, Immunoprecipitation 5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:2000, Knockout Validated

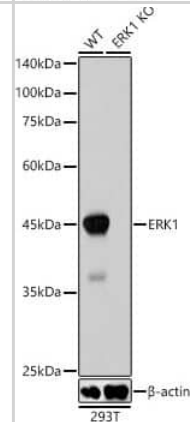


Images

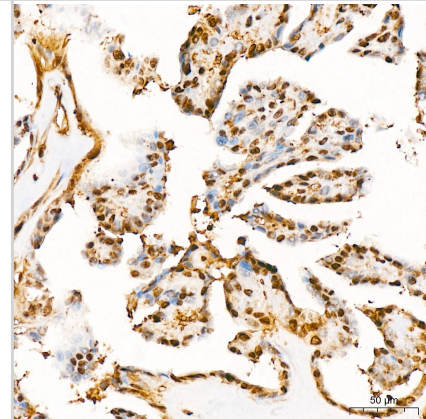
ERK1 Antibody (0B0C1) [NBP3-15776] -Analysis of various lysates, using ERK1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



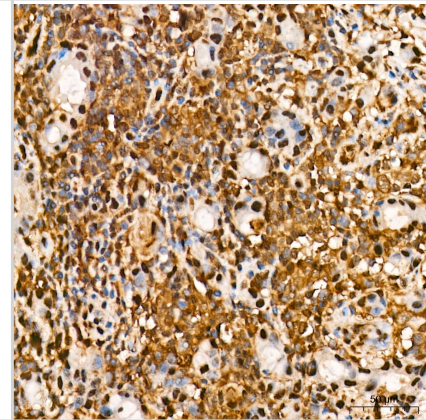
ERK1 Antibody (0B0C1) [NBP3-15776] -Analysis of extracts from wild type(WT) and ERK1 knockout (KO) 293T cells, using ERK1 antibody 19561) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



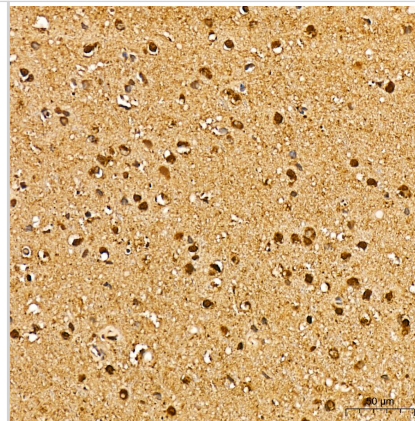
Immunohistochemistry: ERK1 Antibody (0B0C1) [ERK1] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using [KD Validated] ERK1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: ERK1 Antibody (0B0C1) [ERK1] - Immunohistochemistry analysis of paraffin-embedded Human breast tissue using [KD Validated] ERK1 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: ERK1 Antibody (0B0C1) [ERK1] -
Immunohistochemistry analysis of paraffin-embedded Human brain
tissue using [KD Validated] ERK1 Rabbit mAb at a dilution of 1:200 (40x
lens). High pressure antigen retrieval was performed with 0.01 M citrate
buffer (pH 6.0) prior to IHC staining.





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Products Related to NBP3-15776-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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