

Product Datasheet

ERK2 Antibody - BSA Free

NBP1-87943

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-87943

ERK2 Antibody - BSA Free

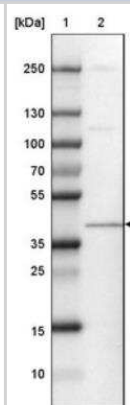
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5594
Gene Symbol	MAPK1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YIVQDLMETDLYKLLKTQHLSNDHICY

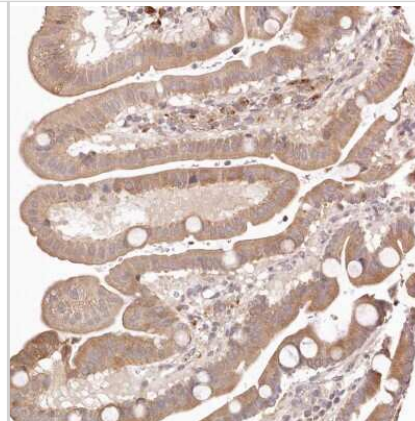
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:250, Simple Western 1:5, Immunohistochemistry 1:50-1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10-15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in U-2 OS and h pancreas lysates, separated by Size, antibody dilution of 1:5

Images

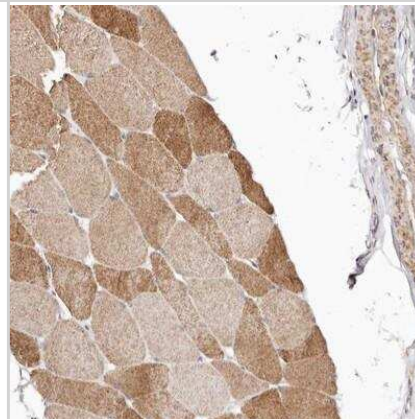
Western Blot: ERK2 Antibody [NBP1-87943] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: U-2 OS



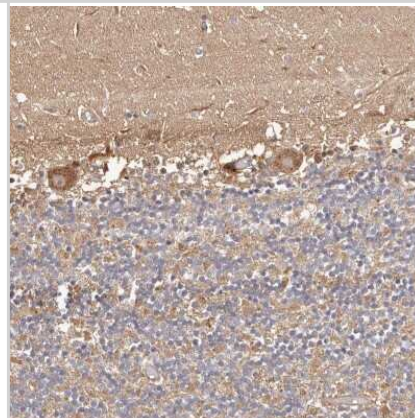
Immunohistochemistry-Paraffin: ERK2 Antibody [NBP1-87943] - Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



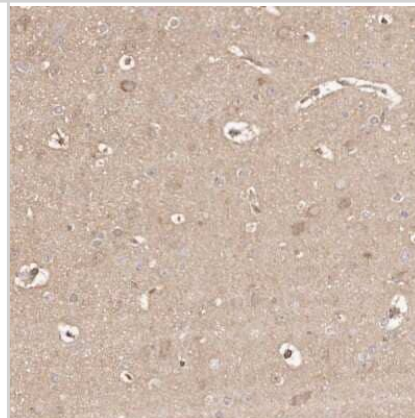
Immunohistochemistry: ERK2 Antibody [NBP1-87943] - Staining of human skeletal muscle shows moderate cytoplasmic positivity.



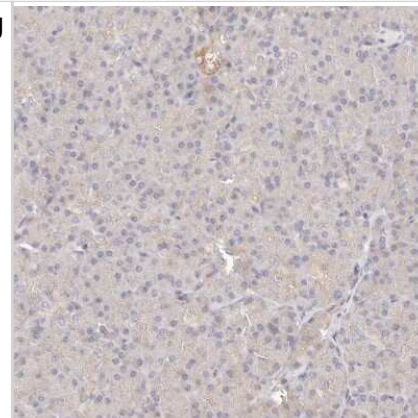
Immunohistochemistry-Paraffin: ERK2 Antibody [NBP1-87943] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



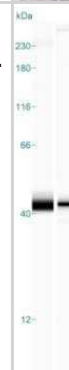
Immunohistochemistry-Paraffin: ERK2 Antibody [NBP1-87943] - Staining of human cerebral cortex shows weak cytoplasmic positivity in neuronal cells.



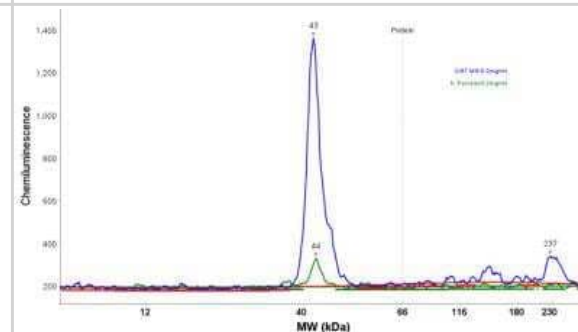
Immunohistochemistry-Paraffin: ERK2 Antibody [NBP1-87943] - Staining of human pancreas shows very weak cytoplasmic positivity in exocrine glandular cells.



Simple Western: ERK2 Antibody [NBP1-87943] - Simple Western lane view shows a specific band for ERK2 in 0.2 mg/ml of U-2 OS (left) and h. Pancreas (right) lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: ERK2 Antibody [NBP1-87943] - Electropherogram image of the corresponding Simple Western lane view. ERK2 antibody was used at 1:5 dilution on U-2 OS and h. Pancreas lysate(s) respectively.





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Products Related to NBP1-87943

NBP1-87943PEP	ERK2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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