

Product Datasheet

ERK1 Antibody - BSA Free NBP1-78031-0.05mg

Unit Size: 0.05 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-78031-0.05mg

ERK1 Antibody - BSA Free

Product Information	
Unit Size	0.05 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0

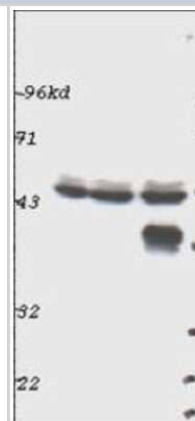
Product Description	
Description	<p>This affinity-purified antibody is directed against the human ERK1 (ERK1) protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross reactivity with p44 ERK1 proteins from human, bovine, rabbit, rat and mouse. No reactivity is observed against p42 MAP Kinase (ERK2). Reactivity against homologues from other sources is not known.
Specificity/Sensitivity	This affinity-purified antibody is directed against the human p44 ERK1 protein. A BLAST analysis was used to suggest cross reactivity with p44 ERK1 proteins from human, bovine, rabbit, rat and mouse. No reactivity is observed against p42 MAP Kinase (ERK2). Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified ERK1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to the carboxy terminal end of human p44 ERK1 protein. (Uniprot: P27361)

Product Application Details	
Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:2000, ELISA 1:2000-1:10000, Immunoprecipitation 5.0 ug/mg
Application Notes	This affinity purified antibody has been tested for use in ELISA, immunoprecipitation and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a predominant band approximately 44 kDa in size corresponding to p44 MAP Kinase (ERK1) by western blotting in the appropriate cell lysate or extract.



Images

Western Blot: ERK1 Antibody [NBP1-78031] - Detection of ERK1 in whole cell lysates prepared from mouse brain (left), mouse kidney (center) and mouse intestine (right).





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Products Related to NBP1-78031-0.05mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-48333-0.1mg	Recombinant Human ERK1 His Protein

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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