Product Datasheet

ERK1/2 Antibody (B20-U)
NBP1-30128-0.1ml

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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Updated 10/23/2024 v.20.1

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NBP1-30128-0.1ml

ERK1/2 Antibody (B20-U)

Product Information

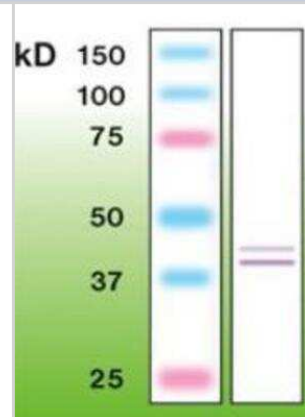| Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	B20-U
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris/HCl (pH 8.0) and 10 mg/ml BSA

Product Description

Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse, Rat
Specificity/Sensitivity	Major clone of IgGs representing both, Erk1 (Gene ID: 5595, UniProt: P27361) and Erk2 (Gene ID: 5594, UniProt: P28482), obtained from immunoaffinity purified immunoglobulins corresponding to immunogenic peptide.
Immunogen	Peptide derived from C-terminal sequence of human Erk2. Antibody recognizes the epitope located between Ile319 - Tyr333
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.

Product Application Details

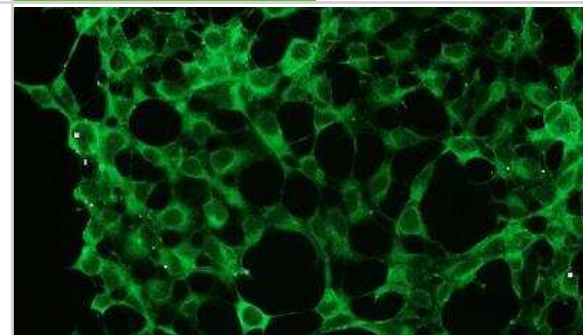| Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000, ELISA 1:20000-1:100000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500
Application Notes	For western blots, incubate the membrane with antibody diluted in blocking buffer 2 hours at room temperature. Western immunoblotting solutions: Wash buffer: 1x Tris Buffered Saline (TBS); 0.2% Triton X-100. Blocking buffer: 1xTBS; 0.2% Triton X-100; 8% nonfat dry milk.

Images

Western Blot: ERK1/2 Antibody (B20-U) [NBP1-30128] - Left Lane: Marker, Right Lane: Rat brain crude lysate (100ug of protein loaded).

Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (B20-U) [NBP1-30128] - Expression in HEK293 cells.

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Products Related to NBP1-30128-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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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