

Product Datasheet

eIF4E [p Ser209] Antibody - BSA Free NB100-81898

Unit Size: 0.05 ml

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

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NB100-81898

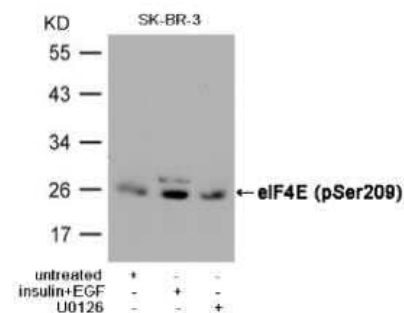
eIF4E [p Ser209] Antibody - BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
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 (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 50% glycerol
Target Molecular Weight	25 kDa
Product Description	
Host	Rabbit
Gene ID	1977
Gene Symbol	EIF4E
Species	Human, Porcine
Reactivity Notes	Porcine reactivity reported in scientific literature (PMID: 28183860).
Specificity/Sensitivity	Detects endogenous levels of eIF4E only when phosphorylated at serine 209.
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human eIF4E around the phosphorylation site of serine 209 (S-G-SP-T-T).
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:50-1:100

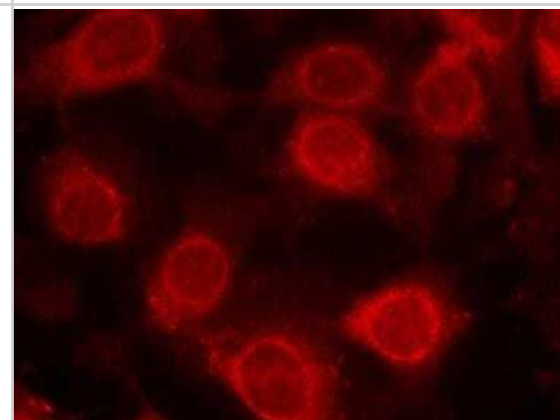


Images

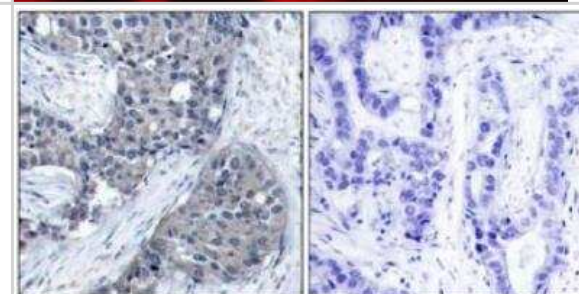
Western Blot: eIF4E [p Ser209] Antibody [NB100-81898] - Analysis of extracts from SK-BR-3 cells, untreated or insulin and EGF treated, and pretreated with U0126 cells, using NB100-81898



Immunocytochemistry/Immunofluorescence: eIF4E [p Ser209] Antibody [NB100-81898] - Staining of methanol-fixed MCF cells using NB100-81898



Immunohistochemistry-Paraffin: eIF4E [p Ser209] Antibody [NB100-81898] - Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using NB100-81898 (left) or the same antibody preincubated with blocking peptide (right).



P-Peptide - +

Publications

Chen Y, Zhu H, McCauley SR et al. Diminished satellite cell fusion and S6K1 expression in myotubes derived from skeletal muscle of low birth weight neonatal pigs. *Physiol Rep.* 2017-02-01 [PMID: 28183860] (WB, Porcine)



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Products Related to NB100-81898

NBL1-10204	eIF4E Overexpression Lysate
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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