

Product Datasheet

eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) NBP3-26427-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26427-100ul

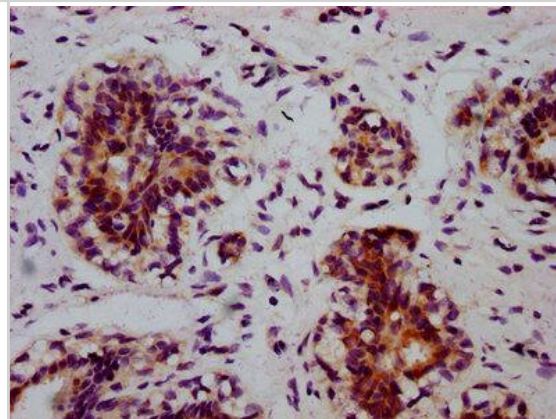
eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1C6
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	1965
Gene Symbol	EIF2S1
Species	Human
Immunogen	A synthesized peptide derived from Human eIF2 alpha/EIF2S1 [p Ser51] [UniProt P05198]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

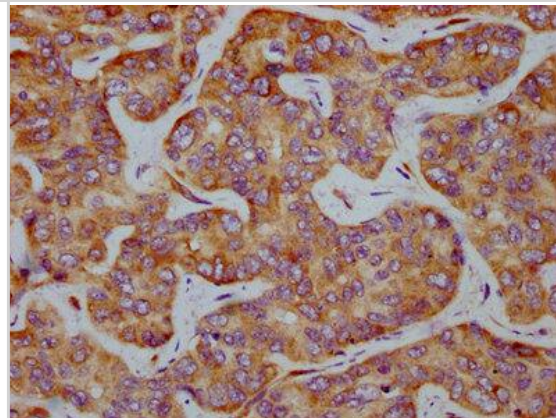


Images

Immunohistochemistry: eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) [NBP3-26427] - Image of eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

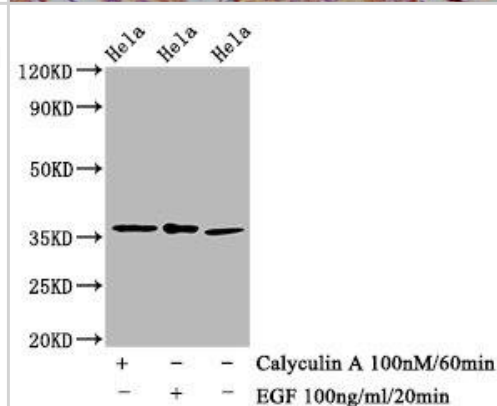


Immunohistochemistry: eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) [NBP3-26427] - Image of eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) diluted at 1:100 and staining in paraffin-embedded human breast cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

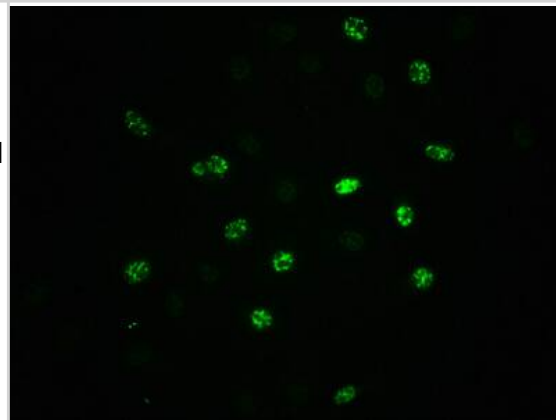


Western Blot: eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) [NBP3-26427] - Positive Western Blot detected in Hela whole cell lysate (treated with Calyculin A or EGF).

All lanes: eIF2 alpha/EIF2S1 [p Ser51] Antibody at 1.48ug/ml.
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
Predicted band size: 36 KDa
Observed band size: 36 KDa



Immunocytochemistry/Immunofluorescence: eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) [NBP3-26427] - Staining of A549 cells (treated with 100ng/ml EGF for 20min) with eIF2 alpha/EIF2S1 [p Ser51] Antibody (1C6) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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Products Related to NBP3-26427-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-44467	Recombinant Human eIF2 alpha/EIF2S1 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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