eIF2 alpha (phospho Ser51) antibody

Cat. No. GTX50300

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Monkey

References (3)
Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500 - 1:1000
IHC-P	1:50 - 1:100

Not tested in other applications.

Calculated MW 36 kDa. (Note)

Properties

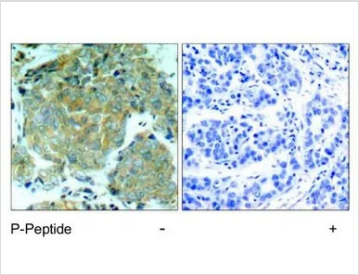
Form	Liquid
Buffer	PBS, 150mM NaCl, 50% Glycerol
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human eIF2α around the phosphorylation site of serine 51 (E-L-Sp-R-R).
Purification	Purified by sequential chromatography on phospho- and non-phospho-peptide affinity columns. From serum
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

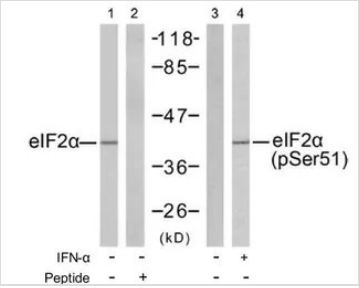
GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

DATA IMAGES



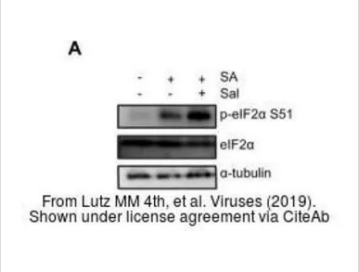
GTX50300 IHC-P Image

IHC-P analysis of human breast carcinoma tissue using GTX50300 eIF2 alpha (phospho Ser51) antibody.



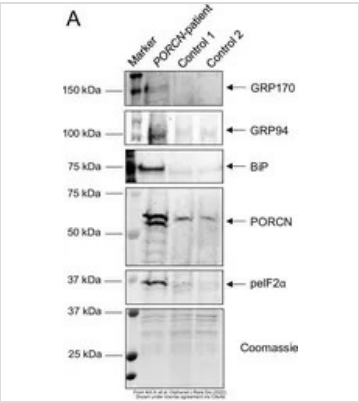
GTX50300 WB Image

WB analysis of K562 cells untreated or treated with IFN-α (100ng/ml, 20min) lysates using GTX50300 eIF2 alpha (phospho Ser51) antibody (Lane 3 and 4) and eIF2α antibody (Lane 1 and 2).



GTX50300 WB Image

The data was published in the journal Viruses in 2019.PMID: 31216693



GTX50300 WB Image

The data was published in the 2022 in Orphanet J Rare Dis. PMID: 35101074

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