

IRE1 alpha (phospho Ser724) antibody [HL4542]

Cat. No. GTX644210

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent

Not tested in other applications.

Observed MW (kDa) 120-130 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide surrounding phospho Ser724 of human IRE1 alpha. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

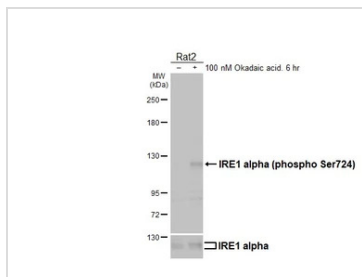
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

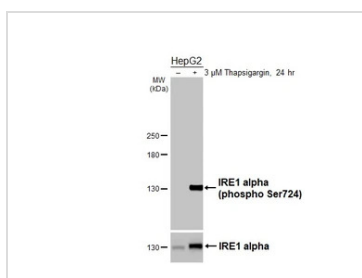
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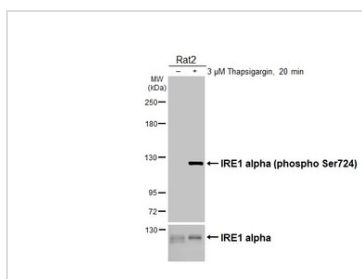
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DATA IMAGES

GTX644210 WB Image

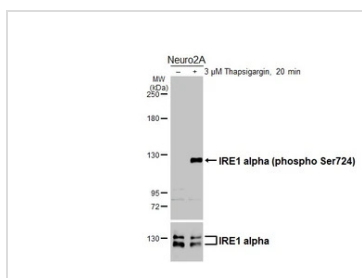
Untreated (–) and treated (+) Rat2 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with IRE1 alpha (phospho Ser724) antibody [HL4542] (GTX644210) diluted at 1:1000 and IRE1 alpha antibody (GTX113682) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX644210 WB Image

Untreated (–) and treated (+) HepG2 whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membranes were blotted with IRE1 alpha (phospho Ser724) antibody [HL4542] (GTX644210) diluted at 1:1000 and IRE1 alpha antibody (GTX113682) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX644210 WB Image

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GTX644210 WB Image

Untreated (–) and treated (+) Neuro2A whole cell extracts (30 µg) were separated by 5% SDS-PAGE, and the membrane was blotted with IRE1 alpha (phospho Ser724) antibody [HL4542] (GTX644210) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate.



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