

Anti-IRE1 (Ser724) Antibody



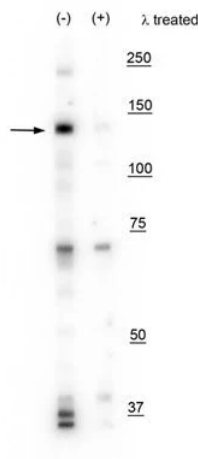
Pooled Serum

Product Details

Available Variants	100 µL (SKU:pIRE1-724) 25 µL (SKU:pIRE1-724t)
Conjugate	Unconjugated
Gene Name	ERN1
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification via sequential chromatography on phospho and non-phosphopeptide affinity columns.
Applications	WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000
Species Reactivity	Mouse
Immunogen	Synthetic phosphopeptide corresponding to amino acid residues surrounding the phospho-Ser724 of mouse IRE1, conjugated to keyhole limpet hemocyanin (KLH).
Specificity	Specific for endogenous levels of the ~130 kDa GluR1 protein phosphorylated at Ser724. Immunolabeling is completely eliminated by treatment with λ-phosphatase.
Molecular Weight	130 kDa
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Antibody Registry ID	AB_2895105
UniProt ID	<u>Q9EQY0</u>
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Expected Reactivity	Human
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser724
NCBI Gene ID	78943

Product Images



Western blot of mouse whole brain lysate showing specific labeling of the ~130 kDa IRE1 protein phosphorylated at Ser724 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is eliminated by blot treatment with lambda phosphatase (1200 units for 30 minutes).



Created on 31. July 2026 | All information without guarantee