

Anti-Ku80 Antibody

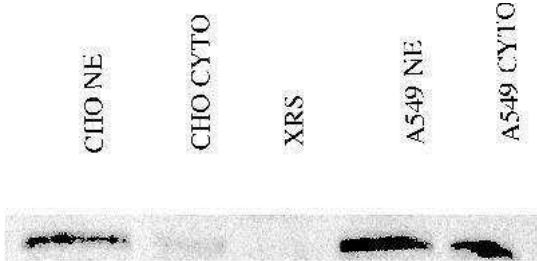


Product Details

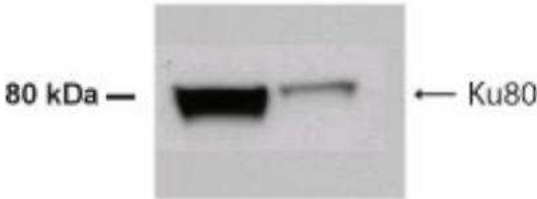
Available Variants	100 µL (SKU:24368)
Isotype	IgG
Gene Name	XRCC5
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 0.02% NaN ₃
Applications	ELISA, WB
Dilution Ranges	WB: 1:500-1:1000 WB Brain: 1:500-1:1000
Species Reactivity	Hamster, Human, Mouse, Rat
Immunogen	Synthetic peptide corresponding to amino acids from an internal sequence of the human Ku80 protein
Specificity	Reacts with the 80 kDa Ku80 protein. Sequence is 100% conserved between human, mouse, rat and hamster.
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.
UniProt ID	<u>P13010</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.

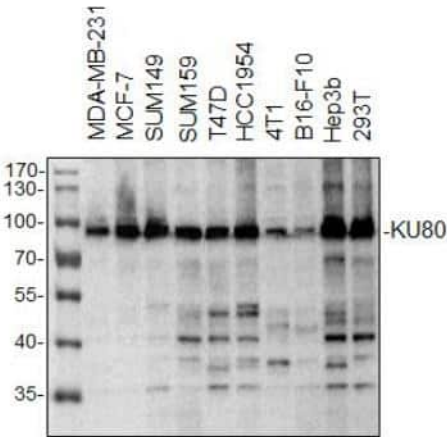
Product Images



Immunoprecipitation showing detection of Ku80 in either CHO or A549 nuclear extracts (NE) or cytoplasmic lysates (cyto). A Ku80 deficient cell lysate, XRS, was used as a negative control.



Western Blot of 50 ug lysates of A431 (lane 1) and AR42J (lane 2) cells showing specific immunolabeling of Ku80.



Western Blot of MDA-MB-231, MCF-7, SUM149, SUM159, T47D, HCC1954, 4T1, B16-F10, Hep3b and 293T cells lysates (20 ug/lane) showing specific immunolabeling of Ku80.



