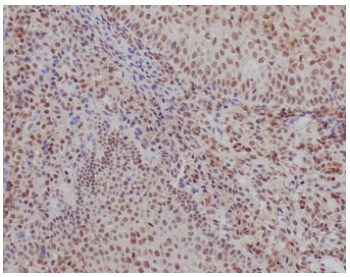
Ku70 Antibody / XRCC6 [clone AAIG-24] (RQ5398)

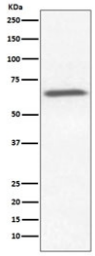
Catalog No.	Formulation	Size
RQ5398	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAIG-24
Purity	Affinity purified
UniProt	P12956
Localization	Nuclear
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This Ku70 antibody is available for research use only.



Ku70 Antibody Tonsil IHC. Immunohistochemistry staining of FFPE human tonsil tissue with Ku70 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of human HeLa cell lysate with Ku70 antibody. Predicted molecular weight ~70 kDa.

Description

The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. [RefSeq]

For investigations involving XRCC6-associated DNA end recognition and double-strand break repair signaling, see our Ku70 Antibody / DNA End Binding Protein Antibody featuring IHC, IF, FACS, and western blot validation data across multiple human tumor types and cell lines.

Application Notes

Optimal dilution of the Ku70 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Ku70 / XRCC6 was used as the immunogen for the Ku70 antibody.

Storage

Store the Ku70 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com