

Anti- Ku70/80 Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300121-01	50 µl
A300121-02	100 µl

Specificity	Anti- Ku70/80 (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IF IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P12956/P13010

Other Names: 86 kDa subunit of Ku antigen, ATP-dependent DNA helicase II, 80 kDa subunit, CTC box binding factor 85 kDa subunit, CTC85, CTCBF, DNA-repair protein XRCC5, G22P2, KU86, Lupus Ku autoantigen protein p86, Nuclear factor IV, TLA, Thyroid- lupus autoantigen, XRCC5, 70 kDa subunit of Ku antigen, ATP-dependent DNA helicase II, 70 kDa subunit, CTC box binding factor 75 kDa subunit, CTC75, CTCBF, G22P1, Lupus Ku autoantigen protein p70, TLA, Thyroid-lupus autoantigen

Specificity and Sensitivity

Ku70/80 antibody detects endogenous levels of total Ku70/80 protein.

Source and Purification

The antiserum was produced against synthesized peptide derived from human Ku70/80.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000	IHC: 1:50~1:100
IF: 1:100~1:500	ELISA: 1:20000

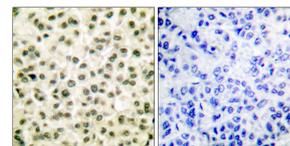
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

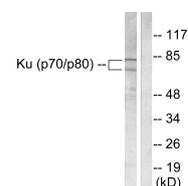
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



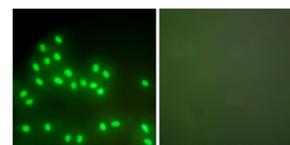
Peptide - +

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using Ku70/80 antibody.



Peptide - +

Western blot analysis of extracts from LOVO cells, using Ku70/80 antibody.



Peptide - +

Immunofluorescence analysis of A549 cells, using Ku70/80 antibody.

Related Products

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody