10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Ku80 Antibody
Catalog # AN2147

Specification

Anti-Ku80 Antibody - Product Information

Primary Accession	P13010
Reactivity	**Bovine, Chicken**
Host	**Rabbit**
Clonality	**Rabbit Polyclonal**
Isotype	**IgG**
Calculated MW	**82705**

Anti-Ku80 Antibody - Additional Information

Gene ID **7520**

Other Names
XRCC5, X-ray repair cross-complementing protein 5, ATP-dependent DNA helicase 2 subunit 2, Ku86, CTC box-binding factor 85 kDa subunit, Lupus Ku autoantigen protein p86, Thyroid-lupus autoantigen, TLAA, G22P2

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Anti-Ku80 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping
Blue Ice

Anti-Ku80 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Ku80 Antibody - Images

Anti-Ku80 Antibody - Background

Telomere length maintenance, an activity essential for chromosome stability and genome integrity,

is regulated by telomerase- and telomere-associated factors. The DNA repair protein Ku (a heterodimer of Ku70 and Ku80 subunits) associates with mammalian telomeres and contributes to telomere maintenance. The Ku heterodimer functions at two kinds of DNA ends: telomeres and double-strand breaks. The role that Ku plays at these two classes of termini must be distinct, because Ku is required for accurate and efficient joining of double-strand breaks while similar DNA repair events are normally prohibited at chromosome ends