

Datasheet for ABIN7295718
anti-XRCC6 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	XRCC6
Binding Specificity:	N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Ku70.
Specificity:	Recognizes endogenous levels of Ku70 protein.
Characteristics:	Rabbit polyclonal antibody to Ku70
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	XRCC6
Alternative Name:	Ku70 (XRCC6 Products)
Background:	G22P1, X-ray repair cross-complementing protein 6, 5'-deoxyribose-5-phosphate lyase Ku70, 5'-

Target Details

dRP lyase Ku70, 70 kDa subunit of Ku antigen, ATP-dependent DNA helicase 2 subunit 1, ATP-dependent DNA helicase II 70 kDa subunit, CTC box-binding factor 75 kDa subunit, CTC75, CTCBF, DNA repair protein XRCC6, Lupus Ku autoantigen protein p70, Ku70, Thyroid-lupus autoantigen, TLAA, X-ray repair complementing defective repair in Chinese hamster cells 6

Gene ID: 2547

UniProt: [P12956](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IP (1:10 - 1:100)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

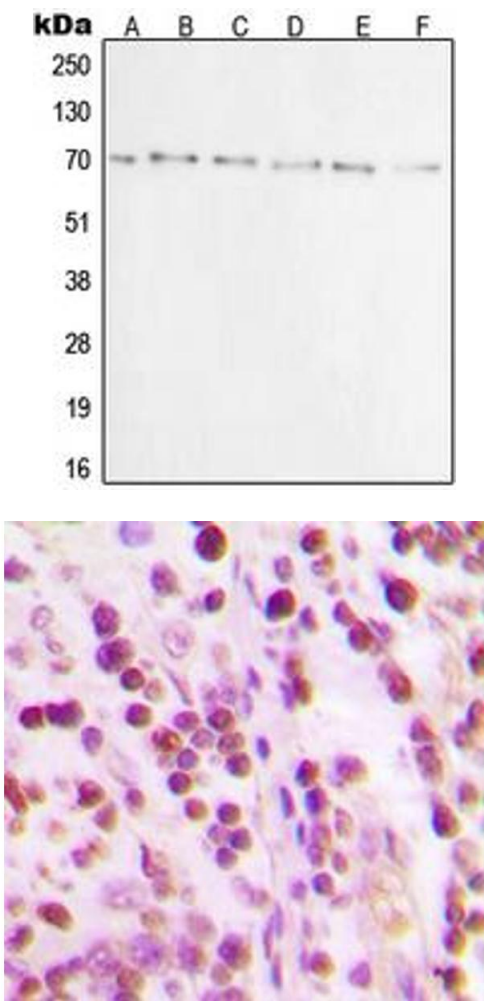
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months



Western Blotting

Image 1. Western blot analysis of Ku70 expression in A549 (A), A431 (B), C32 (C), HeLa (D), Jurkat (E), COS7 (F) whole cell lysates.

Immunohistochemistry

Image 2. Immunohistochemical analysis of Ku70 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.