

Datasheet for ABIN190763

anti-XRCC6 antibody (N-Term)

2 Images



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Overview

Quantity:	100 µg
Target:	XRCC6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	KU70 / XRCC6
Immunogen:	Peptide with sequence YKTEGDDEEAEQ-C, from the N Terminus of the protein sequence according to NP_001460.1.
Sequence:	YKTEGDDEEAE EQ
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

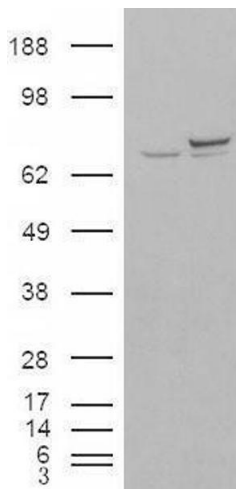
Target:	XRCC6
Alternative Name:	XRCC6
Background:	XRCC6, KU70, X-ray repair complementing defective repair in Chinese hamster cells 6 (Ku autoantigen, 70 kDa) , CTC75, CTCBF, G22P1, ML8, TLAA , ATP-dependent DNA helicase II, 70 kDa subunit, CTC box binding factor 75 kDa subunit, Ku autoantigen p70 subunit
Gene ID:	2547
NCBI Accession:	NP_001460
Pathways:	DNA Damage Repair

Application Details

Application Notes:	Western Blot: Approx 70 kDa band observed in lysates of cell lines A431, HeLa and HepG2 (calculated MW of 69.8 kDa according to NP_001460.1). In transfected HEK293 transiently expressing KU70 a band of approx. 70 kDa is observed. This band is not observed in control cells. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 overexpressing KU70 (ABIN5410180) and probed with ABIN190763 (mock transfection in first lane).



Western Blotting

Image 2. ABIN190763 (0.1µg/ml) staining of HeLa cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.