Datasheet for ABIN1533333

anti-XRCC6 antibody (AA 560-609)

3 Images

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Overview

Quantity:	100 µL
Target:	XRCC6
Binding Specificity:	AA 560-609
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Ku70.
Isotype:	IgG
Specificity:	Ku70 Antibody detects endogenous levels of total Ku70 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	XRCC6
Alternative Name:	Ku70 (XRCC6 Products)
Background:	Synonyms: 70 kDa subunit of Ku antigen, ATP-dependent DNA helicase II, 70 kDa subunit, CTC

Target Details

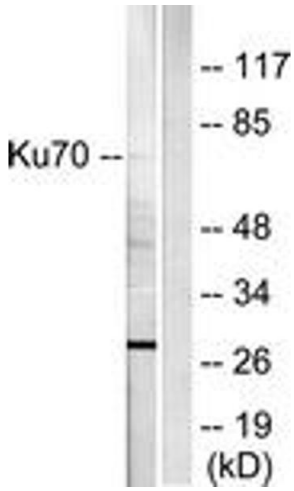
	box binding factor 75 kDa subunit, CTC75, CTCBF, G22P1, Lupus Ku autoantigen protein p70, TLAA, Thyroid-lupus autoantigen NCBI Gene Symbol: XRCC6
Molecular Weight:	69 kDa
Gene ID:	2547
OMIM:	152690
UniProt:	P12956
Pathways:	DNA Damage Repair

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.292493 (NCBI Gene Symbol: XRCC6)
Restrictions:	For Research Use only

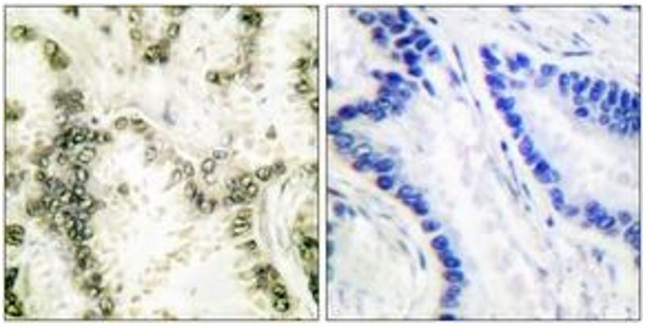
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



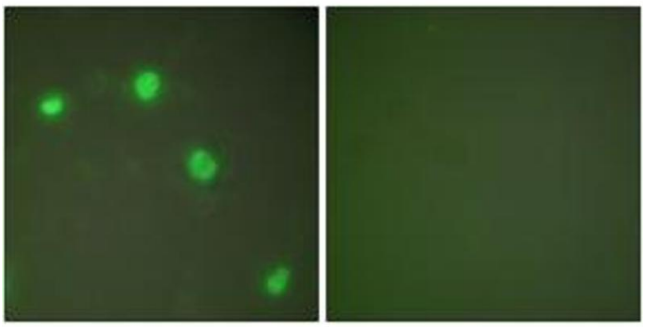
Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using Ku70 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Ku70 Antibody. The picture on the right is treated with the synthesized peptide.



Immunofluorescence

Image 3. Immunofluorescence analysis of COS7 cells, using Ku70 Antibody. The picture on the right is treated with the synthesized peptide.