

Datasheet for ABIN1531293
anti-XRCC6 antibody (pSer5)



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2 Images

Overview

Quantity:	100 µL
Target:	XRCC6
Binding Specificity:	AA 1-50, pSer5
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XRCC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Ku70 around the phosphorylation site of Ser5.
Isotype:	IgG
Specificity:	Ku70 (Phospho-Ser5) Antibody detects endogenous levels of Ku70 only when phosphorylated at Ser5. PhosphorylationH:S5 M:S6
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

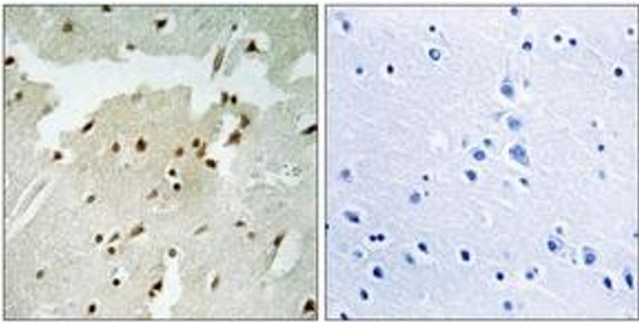
Target:	XRCC6
Alternative Name:	Ku70 (XRCC6 Products)
Background:	Synonyms: X-ray repair cross-complementing protein 6, 5'-deoxyribose-5-phosphate lyase Ku70, 5'-dRP lyase Ku70, X-ray repair complementing defective repair in Chinese hamster cells 6, ATP-dependent DNA helicase 2 subunit 1, ATP-dependent DNA helicase II 70 kDa subunit 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 ELISA: 1:1000
Comment:	Unigene-Number: Hs.292493 (NCBI Gene Symbol: XRCC6)
Restrictions:	For Research Use only

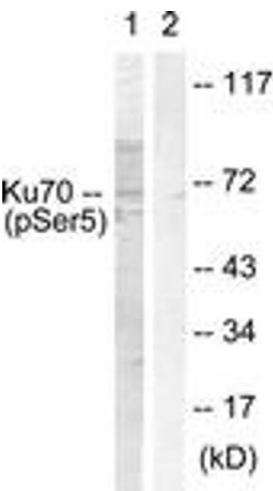
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Ku70 (Phospho-Ser5) Antibody. The picture on the right is treated with the synthesized peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa cells, using Ku70 (Phospho-Ser5) Antibody. The lane on the right is treated with the synthesized peptide.