

Product Datasheet

XRCC6 Antibody (C-term) (orb1430573)

Catalog Number	orb1430573
Category	Antibodies
Description	Rabbit polyclonal antibody to XRCC6.
Target	XRCC6
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	Synthetic Peptide
UniProt ID	P12956
MW	69843
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:10-50, WB - 1:1000, IHC-P - 1:50-100, FC - 1:10-50
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

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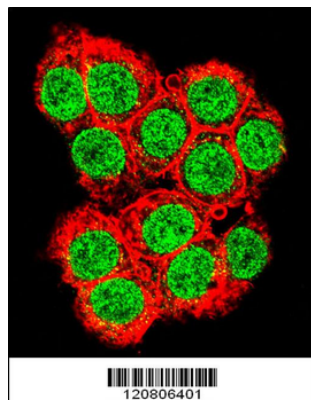
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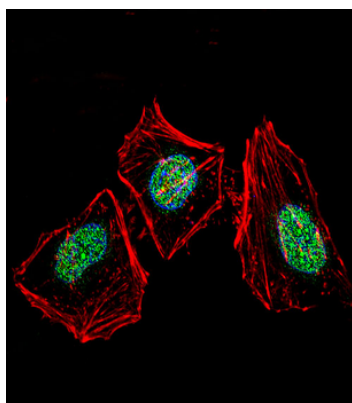
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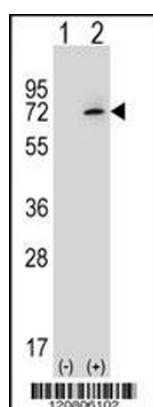
Note	For research use only
NCBI	NP_001460.1
Expiration Date	12 months from date of receipt.



Confocal immunofluorescent analysis of XRCC6 Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



Fluorescent confocal image of HeLa cell stained with XRCC6 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with XRCC6 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7 units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). XRCC6 immunoreactivity is localized to nucleus significantly and Cytoplasm weakly.



Western blot analysis of XRCC6 (arrow) using rabbit polyclonal XRCC6 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the XRCC6 gene.

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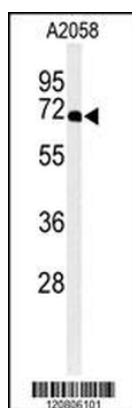
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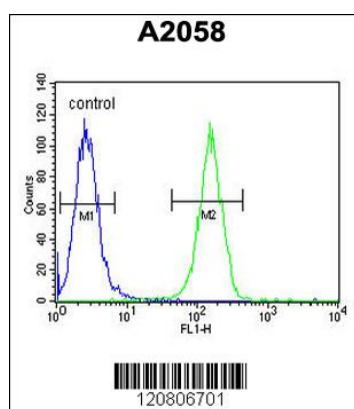
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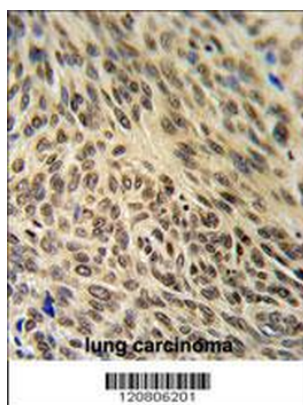
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Western blot analysis of XRCC6 Antibody (C-term) in A2058 cell line lysates (35 ug/lane). XRCC6 (arrow) was detected using the purified Pab.



XRCC6 Antibody (C-term) flow cytometric analysis of A2058 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



XRCC6 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the XRCC6 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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