

Product datasheet

Anti-XRCC1 (phospho S461) antibody ab264115

1 Image

Overview

Product name	Anti-XRCC1 (phospho S461) antibody
Description	Rabbit polyclonal to XRCC1 (phospho S461)
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human XRCC1 (phospho S461). The exact sequence is proprietary. Database link: P18887
Positive control	IHC-P: Human larynx squamous cell carcinoma.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: Tris citrate/phosphate</p>
Purity	pH 7 to 8
Clonality	Immunogen affinity purified
Isotype	Polyclonal
	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab264115 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500 - 1/2000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

Corrects defective DNA strand-break repair and sister chromatid exchange following treatment with ionizing radiation and alkylating agents.

Sequence similarities

Contains 2 BRCT domains.

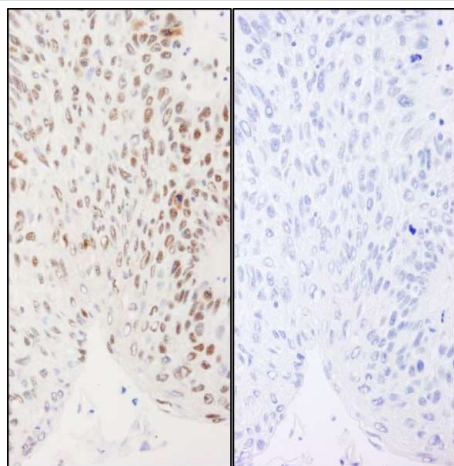
Post-translational modifications

Phosphorylation of Ser-371 causes dimer dissociation. Phosphorylation by CK2 promotes interaction with APTX and APLF.
Sumoylated.

Cellular localization

Nucleus. Accumulates at sites of DNA damage.

Images



Formalin-fixed, paraffin-embedded human larynx squamous cell carcinoma tissue stained for XRCC1 using ab264115 at 1/1000 dilution. Detection: DAB

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-XRCC1 antibody (ab264115)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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