# Rabbit anti-Human XRCC4 Polyclonal Antibody | anti-XRCC4 antibody

XRCC4 Polyclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA175103** | **Rabbit** | **Human** | **ELISA, Immunohistochemistry** |

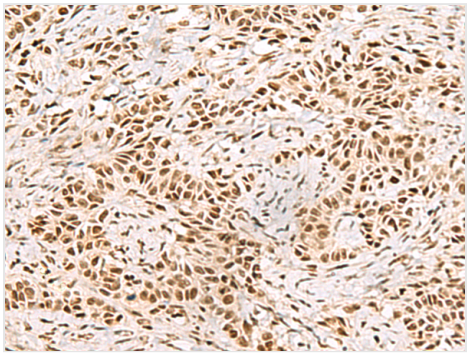
## PRODUCT SYNONYMS

XRCC4; Polyclonal Antibody; XRCC4 Polyclonal Antibody; DNA double strand break repair and V(D)J recombination protein XRCC4; DNA repair protein XRCC4; SSMED; X ray repair complementing defective repair in Chinese hamster cells 4; X ray repair cross complementing 4; X ray repair cross complementing protein 4; X-ray repair cross-complementing protein 4; XRCC 4; anti-XRCC4 antibody

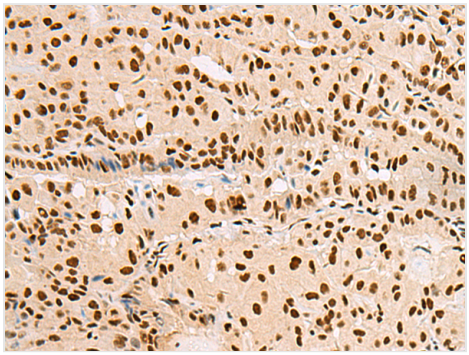
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity/Purification** | Antigen Affinity Purification |
| **Form/Format** | PBS with 0.05% NaN3 and 40% Glycerol, pH7.4 |
| **Concentration** | 1.08mg/mL (varies by lot) |
| **Sequence Length** | 334 |
| **Applicable Applications for anti-XRCC4 antibody** | ELISA, IHC (Immunohistochemistry) |
| **Immunogen** | Fusion protein of human XRCC4 |
| **Conjugation** | Unconjugated |
| **Preparation and Storage** | Store at -20 degree C. Avoid freeze/thaw cycles. |

## IMAGES



**IHC (Immunohiostchemistry)**
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using XRCC4 Polyclonal Antibody at dilution of 1:60(×200



**IHC (Immunohistochemistry)**
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using XRCC4 Polyclonal Antibody at dilution of 1:60(×200

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-XRCC4 antibody** | The protein encoded by this gene functions together with DNA ligase IV and the DNA-dependent protein kinase in the repair of DNA double-strand breaks. This protein plays a role in both non-homologous end joining and the completion of V(D)J recombination. Mutations in this gene can cause short stature, microcephaly, and endocrine dysfunction (SSMED). Alternative splicing generates several transcript variants. |
| **Product Categories/Family for anti-XRCC4 antibody** | Cancer; Epigenetics and Nuclear Signaling |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 4507945 |
| **NCBI GeneID** | 7518 |
| **NCBI Accession #** | NP_003392.1; BC016314 |
| **NCBI GenBank Nucleotide #** | NP_003392.1 |
| **UniProt Accession #** | Q13426 |
| **NCBI Official Full Name** | DNA repair protein XRCC4 isoform 1 |
| **NCBI Official Synonym Full Names** | X-ray repair cross complementing 4 |
| **NCBI Official Symbol** | XRCC4 |
| **NCBI Official Synonym Symbols** | SSMED |
| **NCBI Protein Information** | DNA repair protein XRCC4 |
| **UniProt Protein Name** | DNA repair protein XRCC4 |
| **UniProt Gene Name** | **XRCC4** |
| **UniProt Entry Name** | XRCC4_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/xrcc4-antibody-immunohistochemistry-elisa/175103