antibodies -online.com





anti-XRCC6 antibody





Go to Product page

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| O V CI V I C V V | |
|------------------|--|
| Quantity: | 200 μL |
| Target: | XRCC6 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This XRCC6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |
| Product Details | |

| Immunogen: | A synthetic peptide of human KU70 (NP_001460.1). |
|------------------|--|
| Isotype: | lgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| Target: | XRCC6 |
|-------------------|---|
| Alternative Name: | KU70 (XRCC6 Products) |
| Background: | The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, |

Target Details

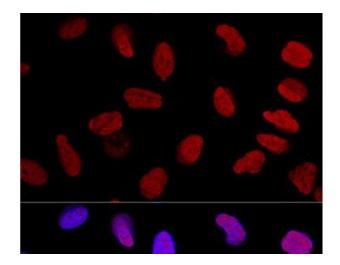
| | and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus. |
|-------------------|---|
| Molecular Weight: | Observed_MW: 70 kDa Calculated_MW: 65 kDa/69 kDa |
| Gene ID: | 2547 |
| UniProt: | P12956 |
| Pathways: | DNA Damage Repair |

Application Details

| Application Notes: | WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 |
|--------------------|--|
| Restrictions: | For Research Use only |

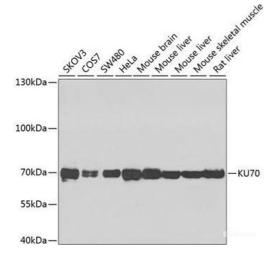
Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3 |
| 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: | Store at -20°C. Avoid freeze / thaw cycles. |



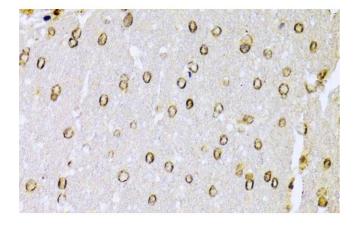
Immunofluorescence

Image 1. Confocal immunofluorescence analysis of U2OS cells using KU70 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using KU70 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using KU70 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 7 images are available for ABIN7255023.