

Datasheet for ABIN7252582

anti-RAD23B antibody[Go to Product page](#)

2 Images

Overview

| | |
|--------------|--|
| Quantity: | 200 µL |
| Target: | RAD23B |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RAD23B antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|------------------|--------------------------------|
| Immunogen: | Fusion protein of human RAD23B |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Antigen affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | RAD23B |
| Alternative Name: | RAD23B (RAD23B Products) |
| Background: | The protein encoded by this gene is one of two human homologs of <i>Saccharomyces cerevisiae</i> Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, |

Target Details

and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 43 kDa

UniProt: [P54727](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:30-1:150, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.84 mg/mL

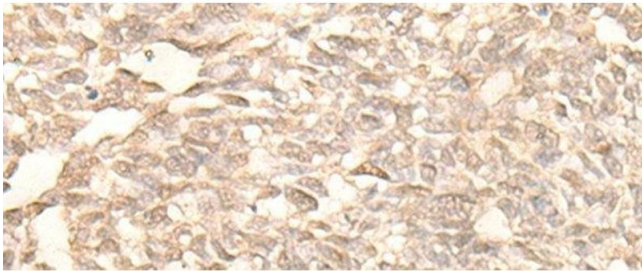
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

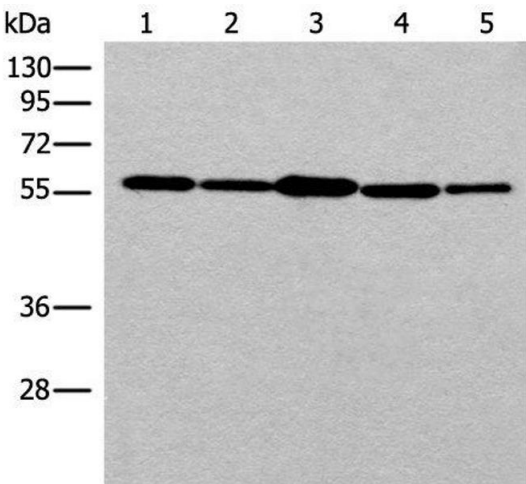
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human lung cancer tissue using RAD23B Polyclonal Antibody at dilution of 1:25(x200)



Western Blotting

Image 2. Western blot analysis of 293T cell HUVEC cell Hela cell lysates using RAD23B Polyclonal Antibody at dilution of 1:350