

Rad23B (K27) polyclonal antibody

Catalog: BS2424

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The RAD23 genes (RAD23A and RAD23B), which encode the human Rad23 proteins, are crucial for excision-repair of UV-damaged DNA. RAD23 genes resemble the other DNA repair genes, RAD2, RAD6, RAD7, RAD18 and RAD54, all of which also exhibit increased transcription in response to DNA damage and during meiosis. Rad23 is a nuclear protein containing an ubiquitin-like domain required for biological functions. The protein, which is highly conserved, is involved in nucleotide excision repair (NER) that associates with the proteasome via its N-terminus. The C-terminal ubiquitin-associated domain of Rad23 is evolutionarily conserved from yeast to humans. Rad23 may also act as a regulator for the activity of the 26S Proteasome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 55 kDa

Swiss-Prot:

P54727

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

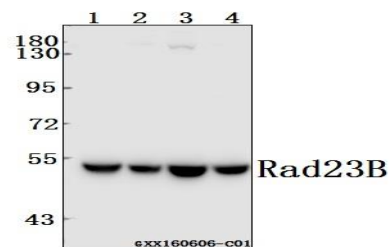
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Rad23B (K27) polyclonal antibody detects endogenous levels of Rad23B protein.

DATA:



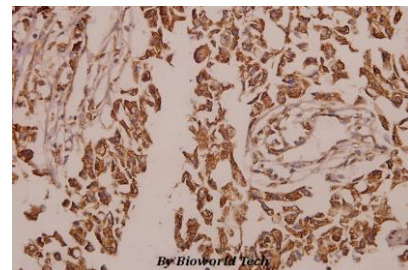
Western blot (WB) analysis of Rad23B (K27) polyclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(20ug)

Lane2:MCF-7 whole cell lysate(20ug)

Lane3:U-87MGwhole cell lysate(40ug)

Lane4:HCT116 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Rad23B (K27) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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