DDX19B (V38) polyclonal antibody

Catalog: BCP00649 Host: Rabbit Reactivity: Human

BackGround:

DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. DEAD box proteins contain two conserved RecA-like domains that adopt different open structures in the absence of nucleic acid and closed structure when bound to RNA and ATP. They also exhibit RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. DEAD box RNA helicase DEAD5 (Dbp5), also known as DEAD box protein 19B (DDX19B), is a 479 amino acid protein belonging to the DEAD box family. Localized to the cytoplasm and nuclear envelope, Dbp5 participates in the export of mRNA from the nucleus to the cytoplasm. Dbp5 is activated by interactions mediated by Gle1 and is inhibited by Nup214. Two named isoforms of Dbp5 exist as a result of alternative splicing events.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 54 kDa

Swiss-Prot:

Q9UMR2

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

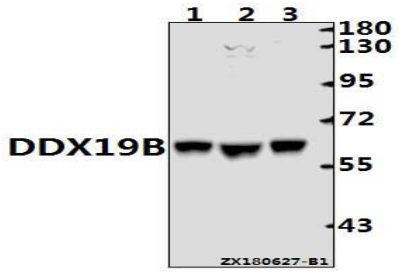
Storage&Stability:

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

Specificity:

DDX19B (V38) polyclonal antibody detects endogenous levels of DDX19B protein.

DATA:

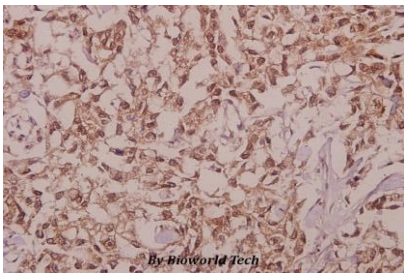


Western blot (WB) analysis of DDX19B (V38) pAb at 1:1000 dilution

Lane1:L02 whole cell lysate(20ug)

Lane2:A375 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(20ug)



Immunohistochemistry (IHC) analyzes of DDX19B (V38) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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