



Mouse Monoclonal Antibody **DDX5** conjugated to Sepharose Beads

CatalogNo: **ANT8271-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

DDX5 (ANT0029R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Host Species

- Rabbit
- Human, Mouse, Rat,

Reactivity

- WB, IHC, IF, IP, ELISA

Applications

MW

- 69kD (Calculated)
- IgG, Kappa
- 69kD (Observed)

Isotype

Recommended Dilution Ratios

Basic Information

Clonality	Monoclonal
Clone Number	ANT0029R

Immunogen Information

Specificity Endogenous

Gene name DDX5

Protein Name Probable ATP-dependent RNA helicase DDX5

Organism	Gene ID	UniProt ID
Human	1655 ;	P17844 ;
Mouse		Q61656 ;

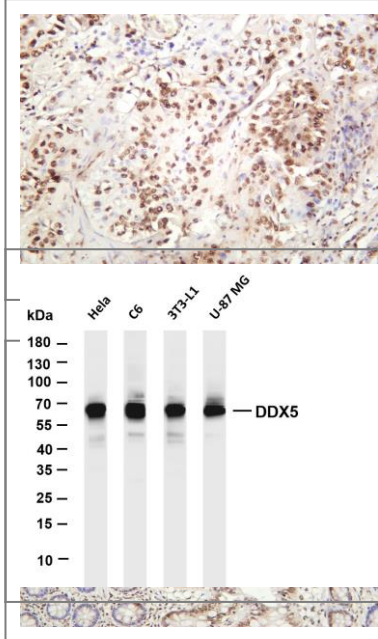
Cellular Localization Nucleus

Tissue specificity Aorta endothelial cell,Epithelium,Human esophagus tumor,Muscle,

Function Function:RNA-dependent ATPase activity. The rate of ATP hydrolysis is highly stimulated by single-stranded RNA. May be involved in pre-mRNA splicing.,ANTM:Arg-502 is dimethylated, probably to asymmetric dimethylarginine.,similarity:Belongs to the DEAD box helicase family.,similarity:Belongs to the DEAD box helicase family. DDX5/DBP2 subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,subunit:Identified in the spliceosome C complex, at least composed of AQR, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PIE, PPIL1, PPIL3, PPWD1, PRPF19, PRPF4B, PRPF6, PRPF8, RALY, RBM22, RBM8A, RBMX, SART1, SF3A1, SF3A2, SF3A3, SF3B1, SF3B2, SF3B3, SFRS1, SKIV2L2, SNRNP200, SNRNP40, SNRPA1, SNRPB, SNRPB2, SNRPD1, SNRPD2, SNRPD3, SNRPE, SNRPF, SNRPG, SNW1, SRRM1, SRRM2, SYF2, SYNCRIP, TFIP11, THOC4, U2AF1, XAB2 and ZCCHC8.,

Validation Data

Human bladder carcinoma was stained with anti-DDX5 (ANT0029R) rabbit antibody



Human colon was stained with anti-DDX5 (ANT0029R) rabbit antibody

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DDX5 (ANT0029R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Hela Lane 2: C6 Lane 3: 3T3-L1 Lane 4: U-87 MG Predicted band size: 69kDa Observed band size: 69kDa

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