



KAL-KC570

For research use only

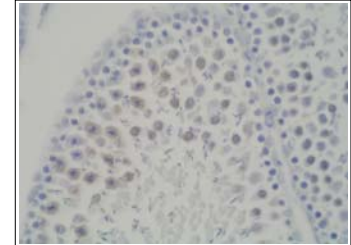
Anti Human DDX39 Monoclonal Antibody

Clone No. 2E4

This product is generated from GANP® mice.



Code No. KC570
Target DDX39
Category Cancer
Gene ID 10212
Primary Source HGNC:17821
Synonyms BAT1; DDXL; BAT1L; URH49; MGC8417; MGC18203; DDX39
Type Monoclonal Antibody
Immunogen Partial peptide of Human DDX39 (N-terminal)



[IHC] Rat testis tissue

Raised in GANP® mouse
Myeloma P3U1
Clone number 2E4
Purification ProteinG
Source Serum-free medium
Isotype IgG1, κ
Cross Reactivity Rat
Label Unlabeled
Concentration 0.25 mg/mL
Contents (Volume) 50 μ g (200 μ L/vial)
Buffer PBS [containing 2% Block Ace as a stabilizer, 0.1% Proclin as a bacteriostat]
Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

Application ELISA,IHC

| ELISA | WB | IHC | ICC |
|------------|------------|------------|----------------|
| 1.0 | Not tested | 3.0 | Not tested |
| IP | FCM | IF | Neutralization |
| Not tested | Not tested | Not tested | Not tested |

(μ g/mL)

Reference

1. Pryor A., et al. "Growth-regulated expression and G0-specific turnover of the mRNA that encodes URH49, a mammalian DEXH/D box protein that is highly related to the mRNA export protein UAP56." *Nucleic Acids Res.* 32:1857-1865(2004)
2. Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." *Nat. Genet.* 36:40-45(2004)
3. Sugiura T., et al. "Intracellular characterization of DDX39, a novel growth-associated RNA helicase." *Exp. Cell Res.* 313:782-790(2007)

UniPlot Summary

//Function: Involved in pre-mRNA splicing. Required for the export of mRNA out of the nucleus.

//Subcellular location: Nucleus.

//Tissue specificity: Detected in testis, and at lower levels in brain, kidney, lung, thymus, spleen and salivary gland.

//Sequence similarities: Belongs to the DEAD box helicase family. DECD subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.

Manufactured by TransGenic Inc.



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