

DDX4 (PT0882R) PT™ Rabbit mAb

CatalogNo: YM8651 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 79kD (Calculated)
- 79kD (Observed)

Isotype

- IgG, Kappa

Recommended Dilution Ratios

IHC 1:200-1:1000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Basic Information

Clonality Monoclonal**Clone Number** PT0882R

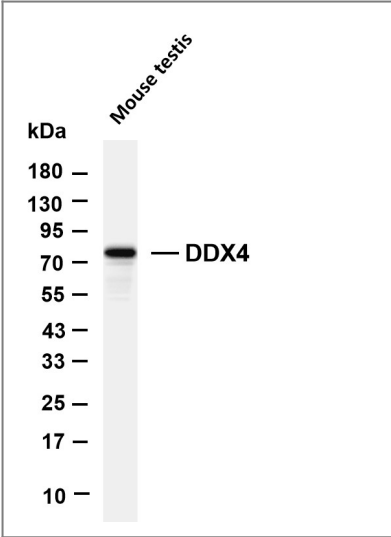
Immunogen Information

Specificity Endogenous

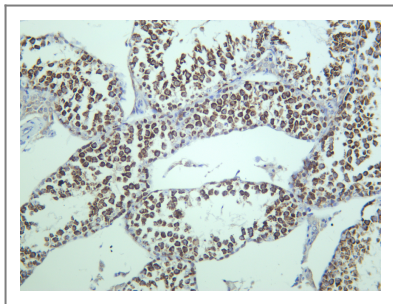
Target Information

Gene name	DDX4		
Protein Name	Probable ATP-dependent RNA helicase DDX4		
	Organism	Gene ID	UniProt ID
	Human	54514 ;	Q9NQI0 ;
	Mouse		Q61496 ;
Cellular Localization	Cytoplasm . Cytoplasm, perinuclear region . Component of the meiotic nuage, also named P granule, a germ-cell-specific organelle required to repress transposon activity during meiosis. .		
Tissue specificity	Expressed only in ovary and testis. Expressed in migratory primordial germ cells in the region of the gonadal ridge in both sexes.		
Function	Function:May play a role in germ cell development.,similarity:Belongs to the DEAD box helicase family.,similarity:Belongs to the DEAD box helicase family. DDX4/VASA subfamily.,similarity:Contains 1 helicase ATP-binding domain.,similarity:Contains 1 helicase C-terminal domain.,subunit:N-terminus interacts with RANBP9. Interacts with PIWIL2 and MAEL.,tissue specificity:Expressed only in ovary and testis. Expressed in migratory primordial germ cells in the region of the gonadal ridge in both sexes.,		

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DDX4 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Mouse testis Predicted band size: 79kDa Observed band size: 79kDa



Mouse testis was stained with anti-DDX4 rabbit antibody

| Contact information

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