

Nur für Forschungszwecke

DDX4, VASA Monoklonaler Antikörper



Katalog-Nr.: 67147-2-Ig **1 Publikationen**

Allgemeine Informationen

Katalog-Nr.: 67147-2-Ig	GenBank-Zugangsnummer: BC047455	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 1600 µg/ml von 54514 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 54514	CloneNo.: 1F12C3
Wirt: Maus	Vollständiger Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	Empfohlene Verdünnungen: WB 1:5000-1:50000 IF 1:200-1:800
Isotyp: IgG1	Berechnete Masse: 690aa, 76 kDa; 724aa, 79 kDa	
Immunogen Katalognummer: AG11630	Beobachtete Masse: 79 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB: SKOV-3-Zellen, JAR-Zellen, NCCIT-Zellen, Rattenhodengewebe IF: Maushodengewebe,
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus, Ratte	

Hintergrundinformationen

DEAD box proteins are characterized by nine conserved sequence motifs located on two functional domains. Domain I contains six of these motifs, including the Q motif and the Walker A motif, motifs Ia and Ib, the Walker B motif, and motif III, which may act to link ATPase and helicase activities of the protein [PMID:21653890]. DDX4, a member of the DEAD box family of ATP-dependent RNA helicases, plays a central role in several aspects of germ cell development. Its function is not only required during gametogenesis in the adult but is also essential for the specification of the germ cell lineage during embryogenesis [PMID:20016130].

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ziqian Min	36444304	iScience	

Lagerung

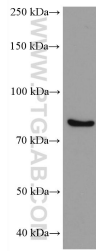
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

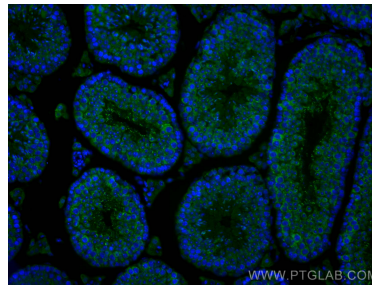
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Ausgewählte Validierungsdaten



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 67147-2-Ig (DDX4, VASA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using DDX4, VASA antibody (67147-2-Ig, Clone: 1F12C3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).