

Nur für Forschungszwecke

DDX4, VASA Polyklonaler Antikörper



Katalog-Nr.: 17545-1-AP

1 Publikationen

Allgemeine Informationen

Katalog-Nr.:
17545-1-AP

Größe:

150ul, Konzentration: 900 µg/ml von
Nanodrop und 460 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:
AG11647

GenBank-Zugangsnummer:
BC047455

GeneID (NCBI):

54514

Vollständiger Name:

DEAD (Asp-Glu-Ala-Asp) box
polypeptide 4

Berechnete Masse:

690aa, 76 kDa; 724aa, 79 kDa

Beobachtete Masse:

79 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:20000-1:100000

IHC 1:200-1:800

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Maus, Ratte

**Hinweis-IHC: Antigenmaskierung mit TE-
Puffer pH 9,0 empfohlen. (*) Wahlweise
kann die Antigenmaskierung auch mit
Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: Maushodengewebe, Rattenhodengewebe

IHC: Maushodengewebe,

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
Larissa Zarate-Garcia	27301892	Sci Rep	

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

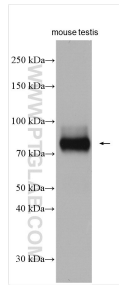
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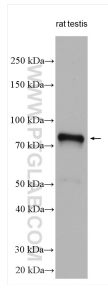
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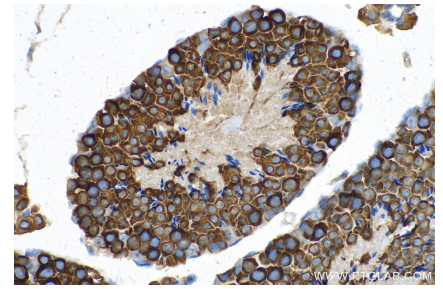
Ausgewählte Validierungsdaten



mouse testis tissue were subjected to SDS PAGE followed by western blot with 17545-1-AP (DDX4, VASA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



rat testis tissue were subjected to SDS PAGE followed by western blot with 17545-1-AP (DDX4, VASA antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 17545-1-AP (DDX4, VASA antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).