

For Research Use Only

DDX4/VASA Polyclonal antibody

Catalog Number: 12888-1-AP



Basic Information

Catalog Number: 12888-1-AP	GenBank Accession Number: BC047455	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 113 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 54514	
Source: Rabbit	Full Name: DEAD (Asp-Glu-Ala-Asp) box polypeptide 4	
Isotype: IgG	Calculated MW: 690aa, 76 kDa; 724aa, 79 kDa	
Immunogen Catalog Number: AG3919		

Applications

Tested Applications:
ELISA

Species Specificity:
human, mouse, rat

Background Information

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].

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

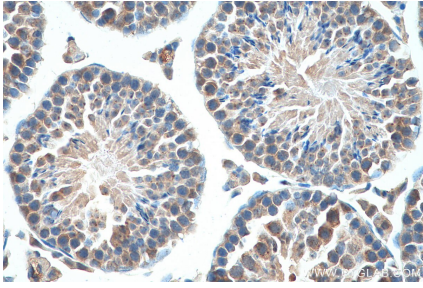
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12888-1-AP (DDX4/VASA antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).