DHX15 Polyclonal antibody

Catalog Number: 12265-1-AP

Basic Information

- **Catalog Number:** 12265-1-AP
- **Size:** 150ul, Concentration: 550 μg/ml by Nanodrop
- **Source:** Rabbit
- **Isotype:** IgG
- **Immunogen Catalog Number:** AG2895
- **GenBank Accession Number:** BCO35974
- **GeneID (NCBI):** 1665
- **Full Name:** DEAH (Asp-Glu-Ala-His) box polypeptide 15
- **Calculated MW:** 795 aa, 91 kDa
- **Observed MW:** 91 kDa
- **Purification Method:** Antigen affinity purification
- **Recommended Dilutions:**
  - WB: 1:1000-1:8000
  - IP: 0.5-4.0 μg for IP and 1:500-1:1000 for WB
  - IHC: 1:200-1:800

Applications

- **Tested Applications:** IHC, IP, WB, ELISA
- **Cited Applications:** WB
- **Species Specificity:** human, mouse, rat
- **Cited Species:** human, zebrafish

**Note-IHC:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

DHX15, also named as DBP1 and DDX15, is a DExD/H-box protein that has been identified in spliceosome, through its carboxyl (C)-terminal G-patch domain and stimulates the helicase activity of DHX15. DHX15 is a Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA. The MW of DHX15 is about 90-95 kDa.

Notable Publications

- **Author:** Xiang-Lei Chen
  - **Pubmed ID:** 29512921
  - **Journal:** J Cell Mol Med
  - **Application:** WB
- **Author:** Yuanhua Cai
  - **Pubmed ID:** 34077586
  - **Journal:** Cancer Sci
  - **Application:** WB
- **Author:** Hannah M Maul-Newby
  - **Pubmed ID:** 350465126
  - **Journal:** RNA
  - **Application:** WB

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***

For 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
- W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
**Selected Validation Data**

**WB** result of DHX15 antibody (12265-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DHX15 transfected HeLa cells.

Various lysates were subjected to SDS PAGE followed by western blot with 12265-1-AP (DHX15 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12265-1-AP (DHX15 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12265-1-AP (DHX15 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).