RUVBL1/TIP49A/PONTIN Rabbit mAb

Catalog No.: A5180 Recombinant



Basic Information

Observed MW 51kDa

Calculated MW 50kDa

Category SMab Recombinant Monoclonal Antibody

Applications WB,IHC-P,ChIP,ELISA

Cross-Reactivity Human,Mouse,Rat

CloneNo number ARC1247

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
ChIP	5µg antibody for 10µg-15µg of Chromatin
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

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www.abclonal.com

Background

This gene encodes a protein that has both DNA-dependent ATPase and DNA helicase activities and belongs to the ATPases associated with diverse cellular activities (AAA+) protein family. The encoded protein associates with several multisubunit transcriptional complexes and with protein complexes involved in both ATP-dependent remodeling and histone modification. Alternate splicing results in multiple transcript variants.

Immunogen Information

Gene ID 8607 Swiss Prot Q9Y265

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RVB1; TIH1; ECP54; TIP49; ECP-54; INO80H; NMP238; PONTIN; TIP49A; NMP 238; Pontin52; RUVBL1/TIP49A/PONTIN

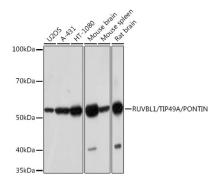
Product Information

Source Rabbit **Isotype** IgG Purification Affinity purification

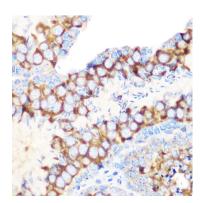
Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

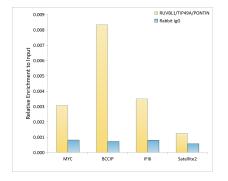
Validation Data



Western blot analysis of various lysates using RUVBL1/TIP49A/PONTIN Rabbit mAb (A5180) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using RUVBL1/TIP49A/PONTIN Rabbit mAb (A5180) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using RUVBL1/TIP49A/PONTIN Rabbit mAb antibody (A5180) and rabbit IgG.The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.