

RUVBL1/TIP49A/PONTIN Monoclonal Antibody

CAB5180

Description

This RUVBL1/TIP49A/PONTIN Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB5180

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

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

Clone: ARC1247

Applications: WB IHC-P ChIP ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 8607

Uniprot: AB_2863477

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 51kDa

Calculated MW: 50kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

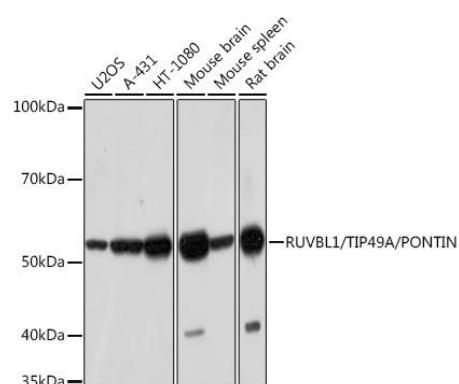
Positive Sample: U-2 OS, A-431, HT-1080, Mouse brain, Mouse spleen, Rat brain

Recommended Dilutions:

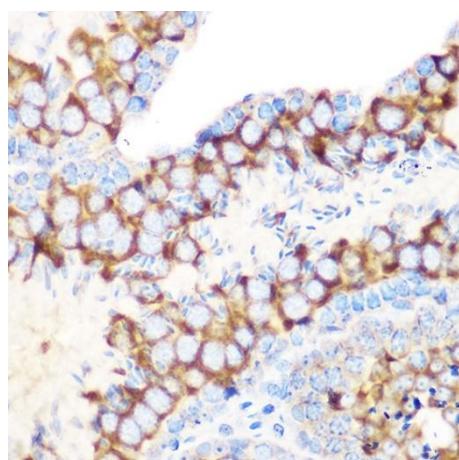
WB	1:500 - 1:2000
IHC-P	1:50 - 1:200 ChIP 5µg antibody for 10µg-15µg of Chromatin
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using RUVBL1/TIP49A/PONTIN Rabbit mAb (CAB5180) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Mouse testis using RUVBL1/TIP49A/PONTIN Rabbit mAb (CAB5180) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

