

RANBP3L Rabbit pAb
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Catalog # AP93954**Specification**

RANBP3L Rabbit pAb - Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6PDH4
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54492

RANBP3L Rabbit pAb - Additional Information**Gene ID** 223332**Other Names**

Ran-binding protein 3-like, Ranbp3l

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RANBP3L Rabbit pAb - Protein Information**Name** Ranbp3l**Function**

Nuclear export factor for BMP-specific SMAD1/5/8 that plays a critical role in terminating BMP signaling and regulating mesenchymal stem cell differentiation by blocking osteoblast differentiation to promote myogenic differentiation. Directly recognizes dephosphorylated SMAD1/5/8 and mediates their nuclear export in a Ran-dependent manner.

Cellular Location

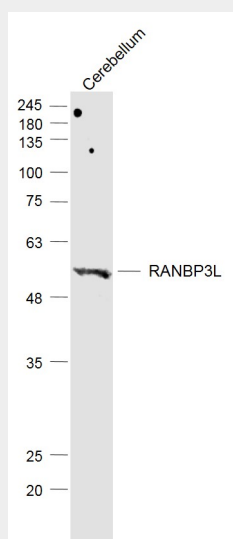
Nucleus. Cytoplasm

RANBP3L Rabbit pAb - Protocols

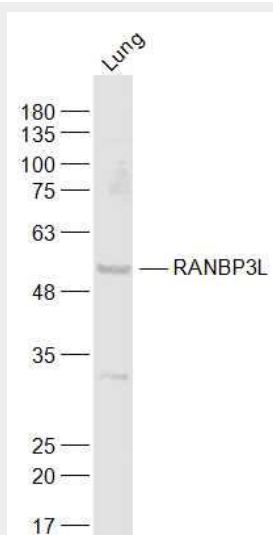
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

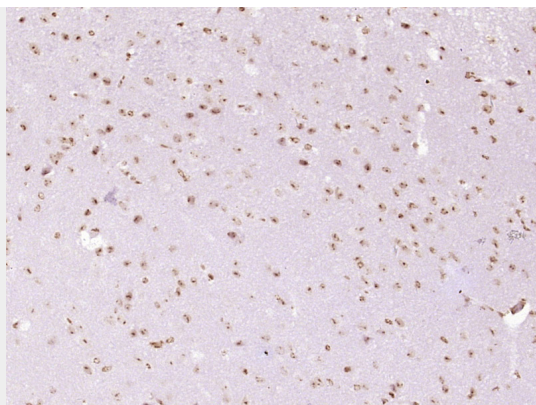
RANBP3L Rabbit pAb - Images



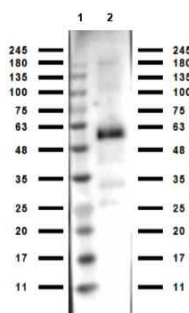
Sample: Cerebellum (Mouse) Lysate at 40 ug Primary: Anti-RANBP3L (AP93954) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD
Observed band size: 52 kD



Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-RANBP3L (AP93954) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52 kD
Observed band size: 52 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RANBP3L) Polyclonal Antibody, Unconjugated (AP93954) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Western Blot of Rabbit anti-Monkey IgG antibody. Lane 1: Opal PreStained Molecular Ladder (p/n MB-210-0500). Lane 2: Monkey IgG (p/n 017-0102). Load: 50 ng per lane. Primary antibody: Monkey IgG antibody at 1:1000 for overnight at 4°C. Secondary antibody: Gt-a-Rb HRP (p/n 611-103-122) secondary antibody at 1:70,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 kda for Anti-Monkey IgG.

RANBP3L Rabbit pAb - Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.