

RANBP3L Rabbit pAb

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Catalog # AP93954

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6PDH4
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54492
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse RANBP3L
Epitope Specificity	331-430/491
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Interacts with SMAD1, SMAD5 and SMAD8.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RANBP3L (RAN Binding Protein 3 Like) is a Protein Coding gene. An important paralog of this gene is RANBP3.

Additional Information

Gene ID	223332
Other Names	Ran-binding protein 3-like, Ranbp3l
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

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.

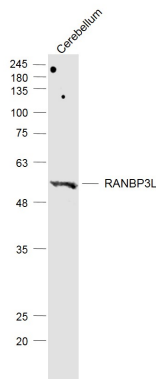
Cellular Location

Nucleus. Cytoplasm

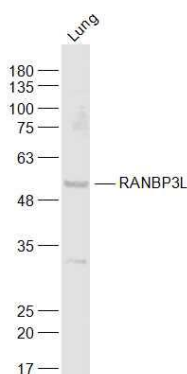
Background

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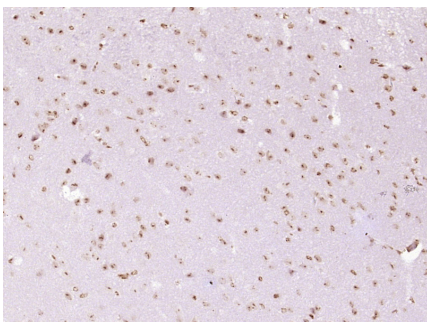
Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.