

RNF70 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP59186

Specification

RNF70 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, E

Primary Accession
Reactivity
Rat, Pig, Dog
Host
Clonality
Calculated MW
Physical State

Q8NG27
Rat, Pig, Dog
Rabbit
Polyclonal
71 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human RNF70

Epitope Specificity 541-640/643

lsotype IgG

Purity
affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SIMILARITY Contains 1 RING-type zinc finger.

SUBUNIT Binds ubiquitin-conjugating enzymes (E2s).

In vitro, interacts with the

ubiquitin-conjugating enzyme, UBE2D2.
Post-translational modifications
Substrate for E2-dependent ubiquitination.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Has E2-dependent E3 ubiquitin-protein ligase activity. Ubiquitinates MAGED1 antigen leading to its subsequent degradation by proteasome (By similarity). May be involved in protein sorting.

RNF70 Polyclonal Antibody - Additional Information

Gene ID 64219

Other Names

E3 ubiquitin-protein ligase Praja-1, Praja1, 2.3.2.27, RING finger protein 70, RING-type E3 ubiquitin transferase Praja-1, PJA1, RNF70

Target/Specificity

Expressed in various regions of the brain including the cerebellum, cerebral cortex, medulla, occipital pole, frontal lobe, temporal lobe and putamen. Highest levels in the cerebral cortex.

Dilution

WB~~1:1000<br \><span class</pre>



- ="dilution IHC-P">IHC-P~~N/A<br \><span class
- ="dilution_IHC-F">IHC-F~~N/A<br \><span class
- ="dilution_IF">IF \sim 1:50 \sim 200
span class ="dilution_E">E \sim N/A

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.

RNF70 Polyclonal Antibody - Protein Information

Name PJA1

Synonyms RNF70

Function

Has E2-dependent E3 ubiquitin-protein ligase activity. Ubiquitinates MAGED1 antigen leading to its subsequent degradation by proteasome (By similarity). May be involved in protein sorting.

Tissue Location

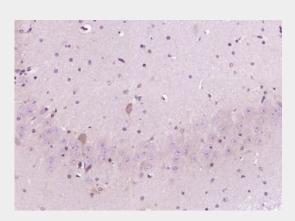
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RNF70 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

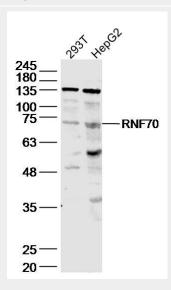
RNF70 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (RNF70) Polyclonal Antibody, Unconjugated (bs-9223R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

293T(Human) Cell Lysate at 30 ug HepG2(Human) Cell Lysate at 30 ug

Primary: Anti-RNF70 (bs-9223R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 71 kD Observed band size: 71 kD