

PRKRIR Rabbit pAb

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Catalog # AP57735

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	O43422
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87704
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PRKRIR
Epitope Specificity	301-400/761
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	PRKRIR is upstream regulator of interferon induced serine/threonine protein kinase R (PKR). It may block the PKR inhibitory function of P58IPK, resulting in the restoration of kinase activity and suppression of cell growth.

Additional Information

Gene ID	5612
Other Names	52 kDa repressor of the inhibitor of the protein kinase, p52rIPK, 58 kDa interferon-induced protein kinase-interacting protein, p58IPK-interacting protein, Death-associated protein 4, THAP domain-containing protein 0, THAP domain-containing protein 12 {ECO:0000312 HGNC:HGNC:9440}, THAP12 (HGNC:9440)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	THAP12 (HGNC:9440)
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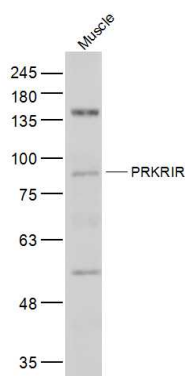
Function

Upstream regulator of interferon-induced serine/threonine protein kinase R (PKR). May block the PKR-inhibitory function of DNAJC3, resulting in restoration of kinase activity and suppression of cell growth.

Background

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Images



Sample:

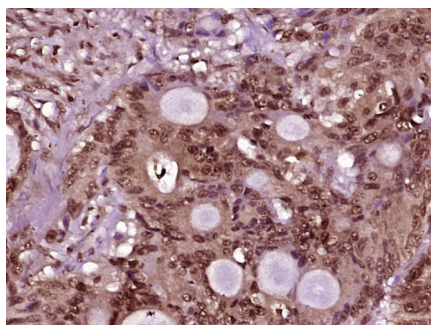
Muscle (Mouse) Lysate at 40 ug

Primary: Anti-PRKRIR (AP57735) at 1/300 dilution

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

Predicted band size: 88 kD

Observed band size: 88 kD



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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 (PRKRIR) Polyclonal Antibody, Unconjugated (AP57735) 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'.