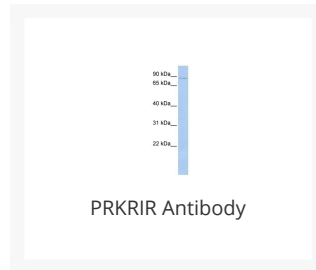




# PRKRIR Antibody

Cat. No.: 27-093



## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>IMMUNOGEN:</b>	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PRKRIR.
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	PRKRIR antibody can be used for detection of PRKRIR by ELISA at 1:312500. PRKRIR antibody can be used for detection of PRKRIR by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1211 - HepG2 Cell Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	88 kDa

## Ψ Properties

<b>PURIFICATION:</b>	Antibody is purified by peptide affinity chromatography method.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid

<b>BUFFER:</b>	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>CONCENTRATION:</b>	batch dependent
<b>STORAGE CONDITIONS:</b>	For short periods of storage (days) store at 4 °C. For longer periods of storage, store PRKRIR antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	PRKRIR
<b>ALTERNATE NAMES:</b>	PRKRIR, DAP4, MGC102750, P52rIPK, THAP0, THAP12
<b>ACCESSION NO.:</b>	NP_004696
<b>PROTEIN GI NO.:</b>	19923268
<b>GENE ID:</b>	5612
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	PRKRIR is upstream regulator of interferon-induced serine/threonine protein kinase R (PKR). PRKRIR may block the PKR-inhibitory function of P58IPK, resulting in restoration of kinase activity and suppression of cell growth.
<b>REFERENCES:</b>	1) Lee, J.H., (2003) Korean J Gastroenterol 42 (6), 484-495.

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