

Rabbit anti-Mouse, Rat PKR Monoclonal Antibody | anti-PKR antibody

Anti-PKR Antibody

CATALOG # AAA265614	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunoprecipitation, Immunofluorescence, Western Blot
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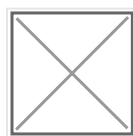
PRODUCT SYNONYMS

PKR; Monoclonal Antibody; Anti-PKR Antibody; anti-PKR antibody

PRODUCT SPECIFICATIONS

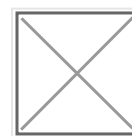
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of PKR protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-PKR antibody	IP (Immunoprecipitation), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of mouse PKR
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PKR staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of PKR expression in C6 (A), NIH3T3 (B) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 74 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-PKR antibody	Rabbit monoclonal antibody to PKR
Product Categories/Family for anti-PKR antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755160
NCBI GeneID	19106

NCBI Accession #	NP_035293.1
NCBI GenBank Nucleotide #	NM_011163.4
UniProt Accession #	Q03963 ; Q63184
Molecular Weight	58,280 Da
NCBI Official Full Name	interferon-induced, double-stranded RNA-activated protein kinase
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2-alpha kinase 2
NCBI Official Symbol	Eif2ak2
NCBI Official Synonym Symbols	Pkr; Tik; Prkr; AI467567; AI747578; 2310047A08Rik; 4732414G15Rik
NCBI Protein Information	interferon-induced, double-stranded RNA-activated protein kinase
UniProt Protein Name	Interferon-induced, double-stranded RNA-activated protein kinase
UniProt Gene Name	Eif2ak2
UniProt Synonym Gene Names	Pkr; Prkr; Tik; eIF-2A protein kinase 2; PKR
UniProt Entry Name	E2AK2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pkr-antibody-immunoprecipitation-immunochemistry-immunofluorescence-western-blot-elisa/265614>