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

PKR Rabbit mAb

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA269239** | **Rabbit** | **Mouse, Rat** | **Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot** |

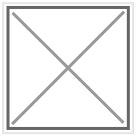
## PRODUCT SYNONYMS

PKR; Monoclonal Antibody; PKR Rabbit mAb; PRKR; EIF2AK1; PPP1R83; anti-PKR antibody

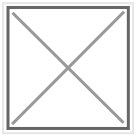
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Mouse, Rat |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Clone Number** | R04-3F2 |
| **Purity/Purification** | Affinity Purified |
| **Form/Format** | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| **Applicable Applications for anti-PKR antibody** | IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant protein of mouse PKR |
| **Preparation and Storage** | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

## IMAGES



**ICC (Immunocytochemistry)**
Immunocytochemistry analysis of PKR (green) in 3T3 using PKR antibody,and DAPI(blue).



**Application Data**

**WB (Western Blot)**
Western blot analysis of PKR in C6, 3T3 lysates using PKR antibody.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-PKR antibody** | IFN-induced dsRNA-dependent serine/threonine-protein kinase that phosphorylates the alpha subunit of eukaryotic translation initiation factor 2 (EIF2S1/eIF-2-alpha) and plays a key role in the innate immune response to viral infection |
| **Product Categories/Family for anti-PKR antibody** | Primary Antibody |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 6755160 |
| **NCBI GeneID** | 19106 |
| **NCBI Accession #** | NP_035293.1 |
| **NCBI GenBank Nucleotide #** | NM_011163.4 |
| **UniProt Accession #** | Q03963; Q61742; Q62026 |
| **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-clone-r04-3f2-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/269239