

Product Name: PKR Rabbit Monoclonal Antibody
Catalog #: AMRe01507



Summary

Production Name	PKR Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	Eif2Ak2
Alternative Names	PKR; PRKR; EIF2AK1; PPP1R83
Gene ID	19106.0
SwissProt ID	Q03963

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 74 kDa

Background

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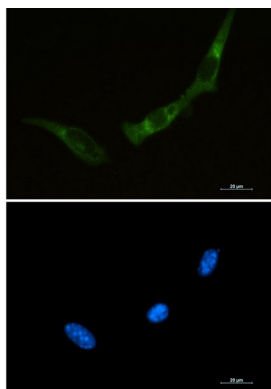


IFN-induced dsRNA-dependent serine/threonine-protein kinase that phosphorylates the alpha subunit of eukaryotic translation initiation factor 2 (EIF2S1/eIF-2-alpha) and plays a key role in the innate immune response to viral infection.

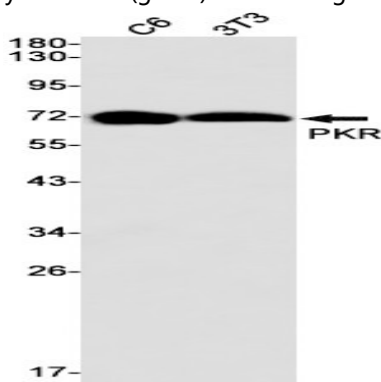
Research Area

Signal Transduction

Image Data



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



Western blot analysis of PKR in C6, 3T3 lysates using PKR antibody.

Note

For research use only.