ProSci Incorporated
12170 Flint Place
Poway, CA 92064, USA
prosci-inc.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

customercare@prosci-inc.com
techsupport@prosci-inc.com

PKR Antibody

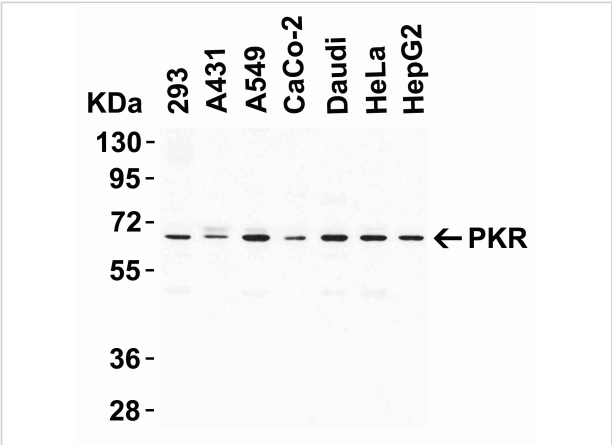
CATALOG NUMBER: 3947

Specifications

Host Species	Rabbit
Species Reactivity	Human, Mouse, Rat
Immunogen	Anti-PKR antibody (**3947**) was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human PKR. The immunogen is located within the last 50 amino acids of PKR.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	At least two different isoforms of PKR are known to exist; this antibody will detect both isoforms.
Predicted Molecular Weight	Predicted: 62kD Observed: 68kD

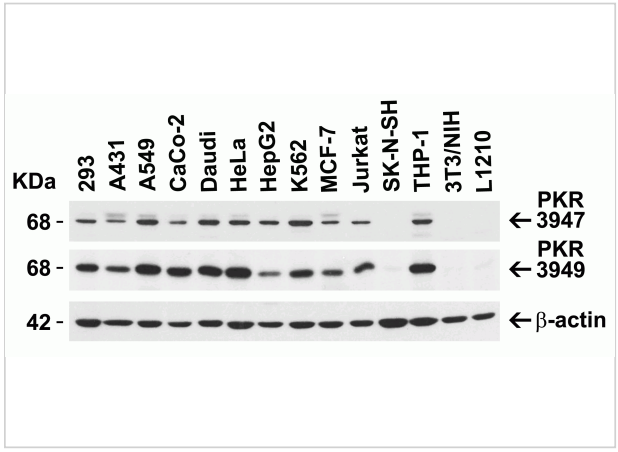
Properties

Purification	PKR Antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	PKR Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	PKR antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



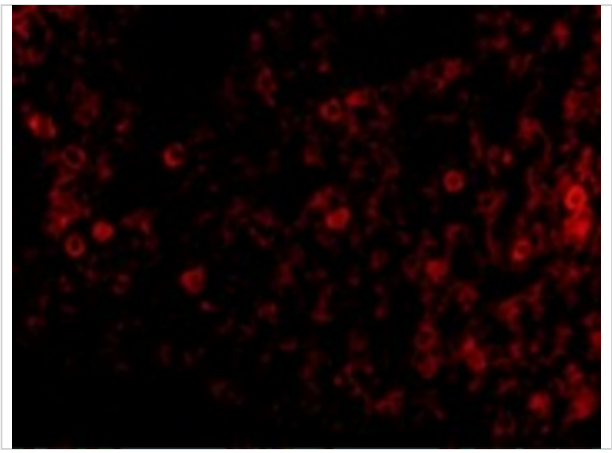
PKR Antibody 1

Figure 1 Western Blot Validation of PKR in Human Cell Lines
Loading: 15 µg of lysates per lane.Antibodies: PKR 3947 (1 µg/mL), 1h incubation at RT in 5% NFDM/TBST.Secondary: Go...



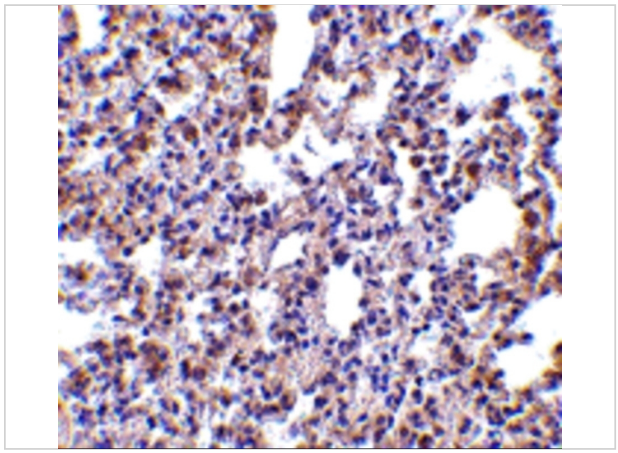
PKR Antibody 2

Figure 2 Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines
Loading: 15 µg of lysates per lane.Antibodies: PKR 3947 (1 µg/mL), PKR 3949 (1 µg/mL,...



PKR Antibody 3

Figure 3 Immunofluorescence Validation of PKR in Mouse Lung
Immunofluorescent analysis of 4% paraformaldehyde-fixed mouse lung tissue labeling PKR with 3947 at 20 µg/mL, followe...



PKR Antibody 4

Figure 4 Immunohistochemistry Validation of PKR in Rat Lung
Immunohistochemical analysis of paraffin-embedded rat lung tissue using anti-PKR antibody (3947) at 2.5 µg/ml. Tissu...

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.