

Product Datasheet

PKR Antibody - BSA Free NBP1-77266

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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NBP1-77266

PKR Antibody - BSA Free

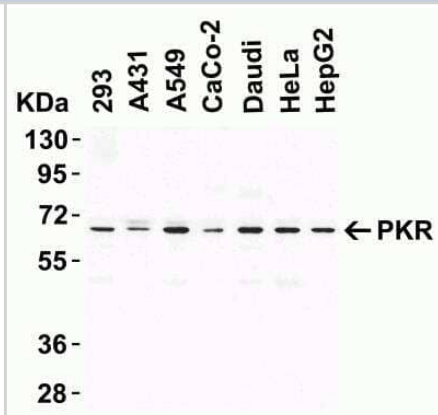
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	68 kDa

Product Description	
Host	Rabbit
Gene ID	5610
Gene Symbol	EIF2AK2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Human PKR has 2 isoforms, including isoform 1 (551aa, 62.1kD) and isoform S (510aa, 57.4kD). This antibody detects both human isoforms. Mouse PKR has 1 isoform (515aa, 58.3kD). Rat PKR has only one isoform identified so far (513aa, 58.3kD).
Immunogen	Antibody 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. Amino Acid Sequence: TVWKKSPKNERHT

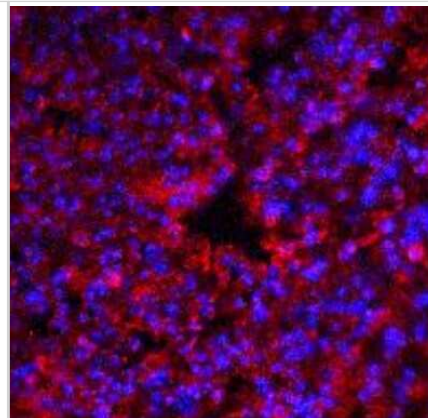
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 2.5-5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 2.5-5 ug/ml

Images

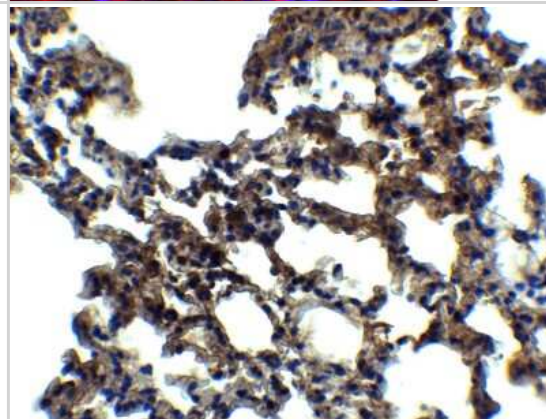
Western Blot: PKR Antibody [NBP1-77266] - WB Validation of PKR in Human Cell Lines. Antibodies: PKR. Secondary: Goat anti-rabbit IgG HRP conjugate.



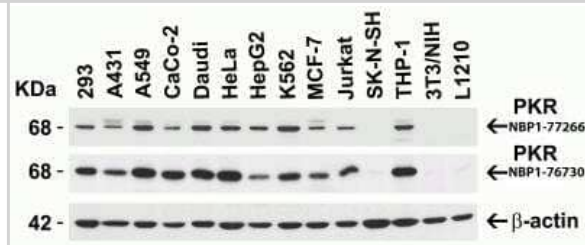
Immunocytochemistry/Immunofluorescence: PKR Antibody [NBP1-77266] - Mouse lung tissue with PKR antibody at 20 ug/ml.



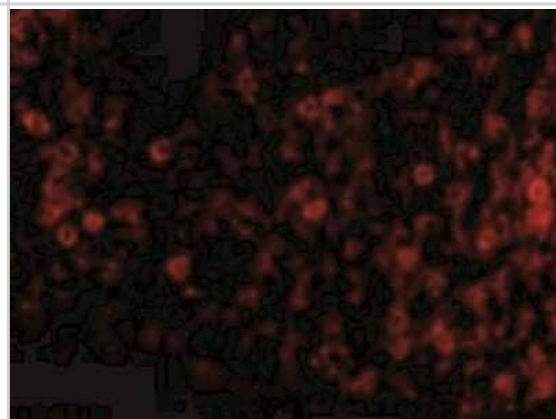
Immunohistochemistry-Paraffin: PKR Antibody [NBP1-77266] - Staining of mouse lung tissue with antibody at 5 ug/mL.



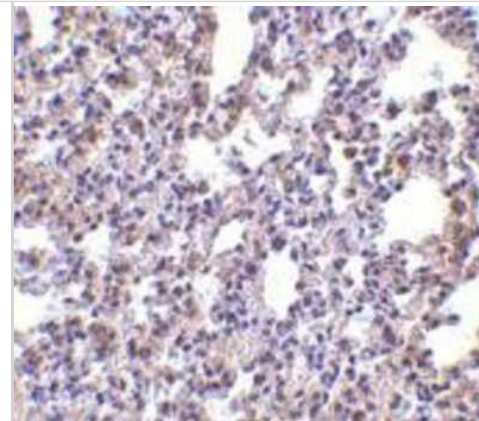
Western Blot: PKR Antibody [NBP1-77266] - IAV via Protein Expression Profile in Cell Lines. Antibodies PKR and beta-actin. Secondary: Goat anti-rabbit IgG HRP conjugate.



Immunocytochemistry/Immunofluorescence: PKR Antibody [NBP1-77266] - Rat Lung tissue with PKR antibody at 20 ug/mL.



Immunohistochemistry-Paraffin: PKR Antibody [NBP1-77266] - Rat lung tissue with PKR antibody at 2.5 ug/ml.



Publications

Esteves, P;Allard, B;Celle, A;Dupin, I;Maurat, E;Ousova, O;Thumerel, M;Dupuy, JW;Leste-Lasserre, T;Marthan, R;Girodet, PO;Trian, T;Berger, P; Asthmatic bronchial smooth muscle increases rhinovirus replication within the bronchial epithelium Cell reports [PMID: 35354045] (WB)



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Products Related to NBP1-77266

NBP1-77266PEP	PKR Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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