

# Product Datasheet

## PKR Antibody [Alexa Fluor™ Plus 647] NBP1-77266AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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**NBP1-77266AFP647**

PKR Antibody [Alexa Fluor™ Plus 647]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Alexa Fluor Plus 647
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5610
<b>Gene Symbol</b>	EIF2AK2
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	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).
<b>Immunogen</b>	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
<b>Notes</b>	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP1-77266AFP647**

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H00005610-Q01-10ug	Recombinant Human PKR GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-10176	PKR Overexpression Lysate
M6000B-1	IL-6 [HRP]

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### **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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