

# Product Datasheet

## PKR [p Thr446] Antibody NB100-82156-0.1ml

Unit Size: 0.1 ml

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

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**NB100-82156-0.1ml**

PKR [p Thr446] Antibody

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | 1.0 mg/ml  |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Polyclonal   |
| <b>Preservative</b>            | 0.02% Sodium Azide   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Immunogen affinity purified  |
| <b>Buffer</b>                  | PBS, 50% glycerol, 0.5% BSA  |
| <b>Target Molecular Weight</b> | 62 kDa   |

**Product Description**

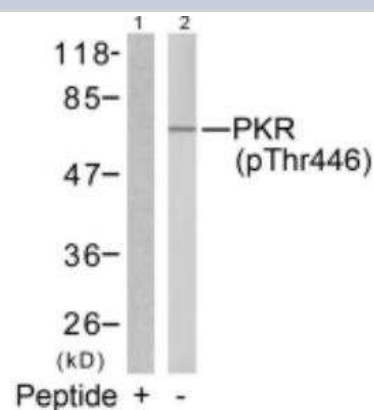
|                                |   |
|--------------------------------|---|
| <b>Description</b>             | Novus Biologicals Rabbit PKR [p Thr446] Antibody (NB100-82156) is a polyclonal antibody validated for use in WB. Anti-PKR Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                    | Rabbit  |
| <b>Gene ID</b>                 | 5610  |
| <b>Gene Symbol</b>             | EIF2AK2   |
| <b>Species</b>                 | Human, Mouse, Rat   |
| <b>Specificity/Sensitivity</b> | Detects endogenous levels of PKR only when phosphorylated at threonine 446.   |
| <b>Immunogen</b>               | The antiserum was produced against synthesized phosphopeptide derived from human PKR around the phosphorylation site of threonine 446 (K-R-TP-R-S).   |

**Product Application Details**

|                              |                           |
|------------------------------|---------------------------|
| <b>Applications</b>          | Western Blot              |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000 |

**Images**

Western Blot: PKR [p Thr446] Antibody [NB100-82156] - Analysis of extracts from K562 cells using PKR(Phospho-Thr446) Antibody (Lane 2) and the same antibody preincubated with blocking peptide(Lane1).

**Publications**

Cho H, Wu M, Zhang L et al. Signaling dynamics of palmitate-induced ER stress responses mediated by ATF4 in HepG2 cells. BMC Syst Biol 2013-01-22 [PMID: 23339444] (WB, Human)



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### **Products Related to NB100-82156-0.1ml**

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|            |   |
|------------|---|
| NBL1-10176 | PKR Overexpression Lysate                           |
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |

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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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