

**Manufacturer/Supplier:**

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**Product name:** Rabbit anti-PKR (pT451) Antibody

**Catalog:** DL92303A

**Synonyms:** PKR; PRKR; Interferon-induced, double-stranded RNA-activated protein kinase; Eukaryotic translation initiation factor 2-alpha kinase 2; eIF-2A protein kinase 2; Interferon-inducible RNA-dependent protein kinase; P1/eIF-2A protein kinase; Protein kinase RN

**Immunogen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PKR (pT451). The exact sequence is proprietary.

**Form:** Liquid

**Concentration:** 1mg/mL

**Size:** 100 ul/50 ul

**Host:** Rabbit

**Reactivity:** Human, Mouse

**Application:** WB, IHC

**Clonality:** Polyclonal

**Dilution:** WB (1/500 - 1/1000),  
IHC (1/100 - 1/200)

**Entrez Gene:** 5610/19106

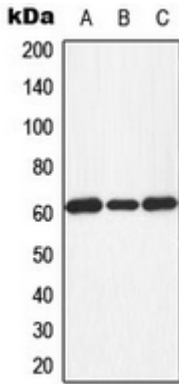
**SwissProt:** P19525/Q03963

**Purification:** The antibody was purified by immunogen affinity chromatography.

**Buffer:** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

**WB description:**

Western blot analysis of PKR (pT451) expression in HeLa PMA-treated (A), Raw264.7 H<sub>2</sub>O<sub>2</sub>-treated (B), NIH3T3 LPS-treated (C) whole cell lysates.



### IHC description:

Immunohistochemical analysis of PKR (pT451) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

### Storage:

Store at -20°C. Avoid repeated freeze / thaw cycles.