

Anti-Phospho-PKR (T451) Rabbit Polyclonal Antibody



Catalog #: U0405

Aliases

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 RNA-activated; PKR; Tyrosine-protein kinase EIF2AK2; p68 kinase

Background

Gene Name: EIF2AK2

NCBI Gene Entry: [5610](#)

UniProt Entry: [P19525](#)

Application Information

Molecular Weight: Predicted, 62 kDa; observed, 62 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human Phospho-PKR (T451)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunohistochemistry (IHC): 1:100-1:200

Note: This product is for research use only.

Validation Data

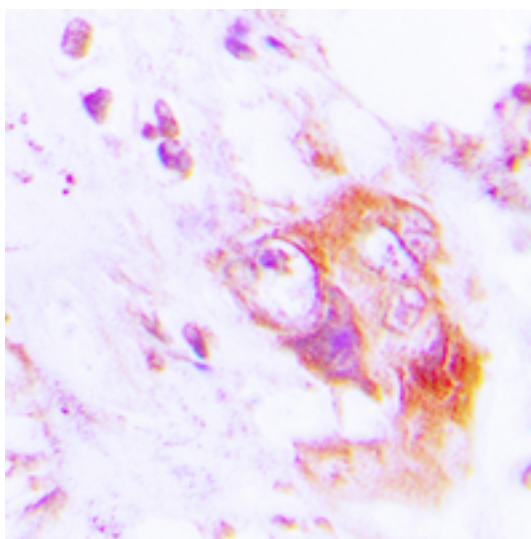
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

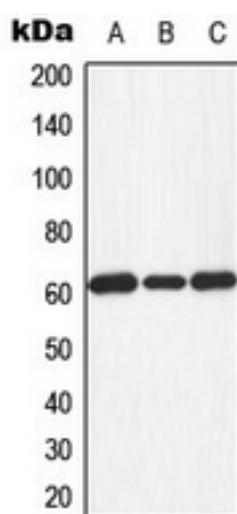
ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Immunohistochemical analysis of PKR (Phospho-T451) 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.



Western blotting analysis of PKR (Phospho-T451) expression in HeLa PMA-treated (A), Raw264.7 H2O2-treated (B), NIH3T3 LPS-treated (C) whole cell lysates.