

Rabbit anti-Human, Mouse PKR Polyclonal Antibody | anti-EIF2AK2 antibody

Anti-PKR (pT451) Phospho Antibody

CATALOG # AAA260045	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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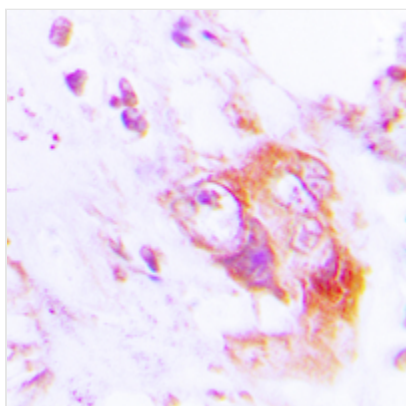
PRODUCT SYNONYMS

PKR; Polyclonal Antibody; Anti-PKR (pT451) Phospho Antibody; 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; Tyrosine-protein kinase EIF2AK2; p68 kinase; anti-EIF2AK2 antibody

PRODUCT SPECIFICATIONS

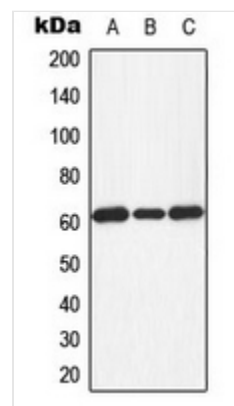
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PKR (pT451) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	551
Applicable Applications for anti-EIF2AK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PKR. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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.



WB (Western Blot)

Western blot analysis of PKR (pT451) expression in HeLa PMA-treated (A), Raw264.7 H2O2-treated (B), NIH3T3 LPS-treated (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EIF2AK2 antibody	Rabbit polyclonal antibody to PKR (pT451)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	208431827
NCBI GeneID	5610
NCBI Accession #	NP_001129123.1
NCBI GenBank Nucleotide #	NM_001135651.2
UniProt Accession #	P19525; Q52M43; Q7Z6F6; Q9UIR4; A8K3P0; D6W584; E9PC80
Molecular Weight	57,391 Da
NCBI Official Full Name	interferon-induced, double-stranded RNA-activated protein kinase isoform a
NCBI Official Synonym Full Names	eukaryotic translation initiation factor 2-alpha kinase 2
NCBI Official Symbol	EIF2AK2
NCBI Official Synonym Symbols	PKR; PRKR; EIF2AK1; PPP1R83
NCBI Protein Information	interferon-induced, double-stranded RNA-activated protein kinase
UniProt Protein Name	Interferon-induced, double-stranded RNA-activated protein kinase
UniProt Gene Name	EIF2AK2
UniProt Synonym Gene Names	PKR; PRKR; eIF-2A protein kinase 2; PKR; Protein kinase R
UniProt Entry Name	E2AK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkr-antibody-immunohistochemistry-western-blot-elisa/260045>