

anti-Human PKR Antibody | anti-PKR antibody

PKR (Phospho-Thr258) Antibody

CATALOG # AAA109750	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	----------------------------	--

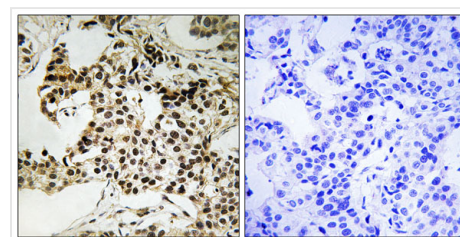
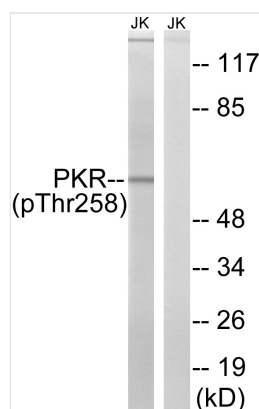
PRODUCT SYNONYMS

PKR; PKR (Phospho-Thr258) Antibody; ADRB2; E2AK2; EC 2.7.11.1; EIF2aK; EIF2AK2; Interferon-induced; double-stranded RNA-activated protein kinase; Interferon-inducible RNA-dependent protein kinase; kinase PKR; P1/eIF-2A protein kinase; p68 kinase; PRKR; TIK; anti-PKR antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	PKR (Phospho-Thr258) antibody detects endogenous levels of PKR only when phosphorylated at threonine 258.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	551
Applicable Applications for anti-PKR antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PKR around the phosphorylation site of threonine 258 (K-Y-TP-V-D).
All Sites	Human: Thr258
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using PKR (Phospho-Thr258) antibody. Western blot analysis of extracts from Jurkat cells, treated with starved (24hours), using PKR (Phospho-Thr258) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PKR antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Meurs E., Cell 62:379-390(1990). Thomis D.C., Virology 188:33-46(1992). Kuhen K.L., Gene 178:191-193(1996).

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/pkr/109750>