

Rabbit PRKRA Polyclonal Antibody | anti-PRKRA antibody

PRKRA Antibody (S246)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289702	Rabbit	Human (Predicted Reactivity: Bovine, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

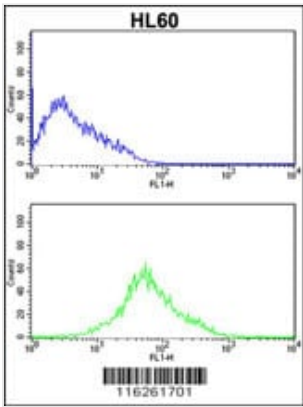
PRODUCT SYNONYMS

PRKRA; Polyclonal Antibody; PRKRA Antibody (S246); Interferon-inducible double-stranded RNA-dependent protein kinase activator A; PKR-associated protein X; PKR-associating protein X; Protein activator of the interferon-induced protein kinase; Protein kinase; interferon-inducible double-stranded RNA-dependent activator; PACT; RAX; anti-PRKRA antibody

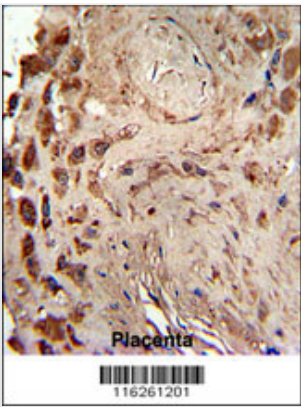
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRKRA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-252 amino acids from human PRKRA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.49 (varies by lot)
Sequence Positions	225-252
Sequence Length	288
Applicable Applications for anti-PRKRA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

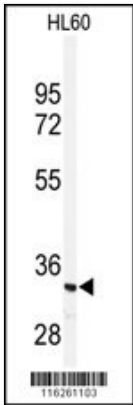
IMAGES



FCM/FACS (Flow Cytometry)
PRKRA Antibody (S246) flow cytometric analysis of HL60 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human placenta reacted with PRKRA Antibody (S246), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-PRKRA Antibody (S246) in HL60 cell line lysates (35ug/lane). PRKRA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PRKRA antibody	PRKRA appears to have a pro-apoptotic function that may be suppressed in the presence of growth factor. It activates EIF2AK2 in the absence of double-stranded RNA (dsRNA).
References	Seibler,P., Lancet Neurol 7 (5), 380-381 (2008) Kok,K.H., J. Biol. Chem. 282 (24), 17649-17657 (2007) Patel,R.C., EMBO J. 17 (15), 4379-4390 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	213417911
NCBI GeneID	8575
NCBI Accession #	NP_001132989.1; NP_001132990.1; NP_003681.1
NCBI GenBank Nucleotide #	NM_001139517.1
UniProt Accession #	O75569; Q53G24; Q6X7T5; Q8NDK4; A8K3I6
Molecular Weight	34404
NCBI Official Full Name	interferon-inducible double-stranded RNA-dependent protein kinase activator A isoform 2

NCBI Official Synonym Full Names	protein kinase, interferon-inducible double stranded RNA dependent activator
NCBI Official Symbol	PRKRA
NCBI Official Synonym Symbols	RAX; PACT; DYT16; HSD14
NCBI Protein Information	interferon-inducible double-stranded RNA-dependent protein kinase activator A
UniProt Protein Name	Interferon-inducible double-stranded RNA-dependent protein kinase activator A
UniProt Gene Name	PRKRA
UniProt Synonym Gene Names	PACT; RAX
UniProt Entry Name	PRKRA_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/prkra-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289702>