

Rabbit anti-Human PYK2 Polyclonal Antibody | anti-PYK2 antibody

Rabbit anti-PYK2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212555	Rabbit	Human	Immunoprecipitation, Western Blot

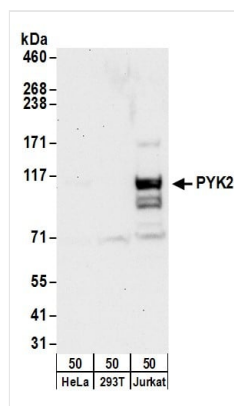
PRODUCT SYNONYMS

PYK2; Polyclonal Antibody; Rabbit anti-PYK2 Antibody; Affinity Purified; cell adhesion kinase beta; PKB; RAFTK; PTK2B protein tyrosine kinase 2 beta; PTK; protein-tyrosine kinase 2-beta; protein kinase B; proline-rich tyrosine kinase 2; related adhesion focal tyrosine kinase; focal adhesion kinase 2; FAK2; FADK 2; calcium-regulated non-receptor proline-rich tyrosine kinase; calcium-dependent tyrosine kinase; CAK-beta; CAKB; CADTK; FADK2; Protein-tyrosine kinase 2-beta; protein tyrosine kinase 2 beta; anti-PYK2 antibody

PRODUCT SPECIFICATIONS

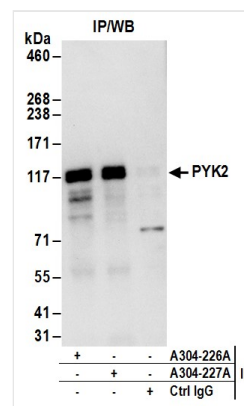
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PYK2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 300 and 350
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PYK2 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-PYK2 antibody AAA212555 (lot AAA212555-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human PYK2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-PYK2 antibody AAA212555 (lot AAA212555-1) used for IP at 6 ug/mg lysate. PYK2 was also immunoprecipitated by rabbit anti-PYK2 antibody For blotting immunoprecipitated PYK2, AAA212555 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PYK2 antibody	Protein tyrosine kinase 2 (PYK2) is a non-receptor protein-tyrosine kinase that regulates reorganization of the actin cytoskeleton, cell polarization, cell migration, adhesion, spreading and bone remodeling. PYK2 plays a role in the regulation of the humoral immune response, and is required for normal levels of marginal B-cells in the spleen and normal migration of splenic B-cells. It is required for normal macrophage polarization and migration towards sites of inflammation [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q14289].
Product Categories/Family for anti-PYK2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886588
NCBI GeneID	2185
NCBI Accession #	NP_775267.1
NCBI GenBank Nucleotide #	NM_173175.2
UniProt Accession #	Q14289; Q13475; Q14290; Q16709; Q6PID4; D3DST0
Molecular Weight	115,875 Da
NCBI Official Full Name	protein-tyrosine kinase 2-beta isoform b
NCBI Official Synonym Full Names	protein tyrosine kinase 2 beta
NCBI Official Symbol	PTK2B
NCBI Official Synonym Symbols	PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK
NCBI Protein Information	protein-tyrosine kinase 2-beta; FADK 2; CAK-beta; protein kinase B; focal adhesion kinase 2; cell adhesion kinase beta; proline-rich tyrosine kinase 2; calcium-dependent tyrosine kinase; PTK2B protein tyrosine kinase 2 beta; related adhesion focal tyrosin
UniProt Protein Name	Protein-tyrosine kinase 2-beta
UniProt Gene Name	PTK2B
UniProt Synonym Gene Names	FAK2; PYK2; RAFTK; CADTK; CAK-beta; CAKB; FADK 2; RAFTK
UniProt Entry Name	FAK2_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://www.aaabiotech.com/polyclonal/pyk2-antibody-immunoprecipitation-western-blot-elisa/212555>