

Rabbit PYK2 Polyclonal Antibody | anti-PYK2 antibody

PYK2 (Phospho-Tyr580) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316115	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

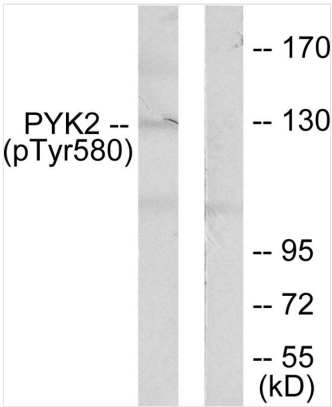
PRODUCT SYNONYMS

PYK2; Polyclonal Antibody; PYK2 (Phospho-Tyr580) Antibody; CADTK; CAK beta; Calcium-dependent tyrosine kinase; Cell adhesion kinase beta; FADK 2; FAK2; Focal adhesion kinase 2; kinase Pyk2; Proline-rich tyrosine kinase 2; Protein tyrosine kinase 2 beta; PTK2B; RAFTK; Related adhesion focal tyrosine kinase; anti-PYK2 antibody

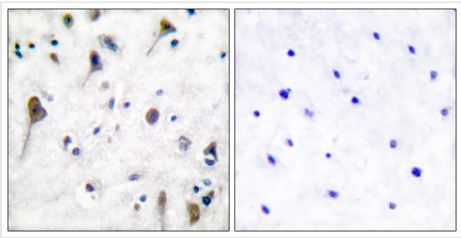
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	PYK2 (Phospho-Tyr580) Antibody detects endogenous levels of PYK2 only when phosphorylated at Tyr580.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	967
Applicable Applications for anti-PYK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:Y580; M:Y580; R:Y580
Immunogen	The antiserum was produced against synthesized peptide derived from human PYK2 around the phosphorylation site of Tyr580.
Immunogen Range	546-595
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)
Western blot analysis of lysates from K562 cells, using PYK2 (Phospho-Tyr580) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using PYK2 (Phospho-Tyr580) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886584
NCBI GeneID	2185
NCBI Accession #	NP_004094.3
NCBI GenBank Nucleotide #	NM_004103.4
UniProt Accession #	Q14289; Q13475; Q14290; Q16709; Q6PID4; D3DST0
Molecular Weight	115 kDa
NCBI Official Full Name	protein-tyrosine kinase 2-beta isoform a
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
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

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/pyk2-antibody-immunohistochemistry-western-blot-elisa/316115>