



PYK2 (Ab-580) Antibody

E11-0084B

Catalog Number: E11-0084B

Amount: 100µg/100µl

Swiss-Prot No. : Q14289

All Names: 2.7.1.112, CADTK, CAKB, FADK2, FAK2, PKB, PYK2, RAFTK, CAK beta, CELL ADHESION KINASE, BETA, PROTEIN-TYROSINE KINASE 2, BETA, PTK2B protein tyrosine kinase 2 beta isoform a, PTK2B protein tyrosine kinase 2 beta isoform b, calcium-dependent tyrosine kinase, cell adhesion kinase beta, focal adhesion kinase 2, proline-rich tyrosine kinase 2, protein kinase B, related adhesion focal tyrosine kinase

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human PYK2 around the phosphorylation site of tyrosine 580 (D-Y-Y-K-A).

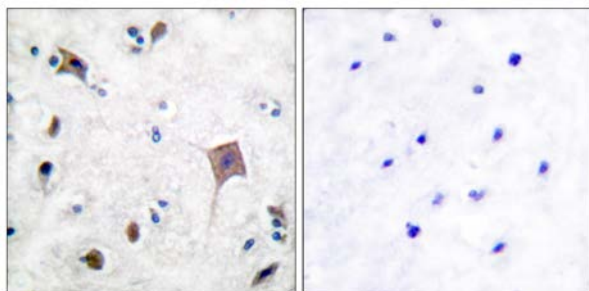
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity PYK2 (Ab-580) antibody detects endogenous levels of total PYK2 protein.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References: Yoshiko Banno, J. Biol. Chem., Apr 2005; 280: 16319 - 16324.
Robin R. Hodges, Invest. Ophthalmol. Vis. Sci., Aug 2006; 47: 3352 - 3359.
Sarah J. McLeod, J. Biol. Chem., Mar 2004; 279: 12009 - 12019.
Chong-Shan Shi, J. Biol. Chem., Aug 2000; 275: 24470.

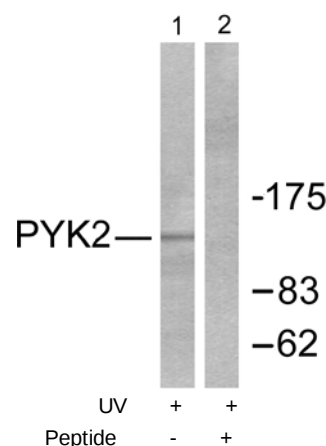


Peptide

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Immunohistochemical analysis of paraffin-embedded human brain tissue using PYK2 (Ab-580) antibody (#B0084).



Western blot analysis of extracts from K562 cells treated with UV (15mins), using PYK2 (Ab-580) antibody (#B0084, Line 1 and 2).

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