

Anti- PYK2 (Phospho-Tyr579) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100311-01	50 µl
A100311-02	100 µl

Specificity	Anti- PYK2 (Phospho-Tyr579) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: Q14289

Other Names: CADTK; CAK beta; Calcium-dependent tyrosine kinase; Cell adhesion kinase beta; EC 2.7.10.2; 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

Specificity and Sensitivity

PYK2 (Phospho-Tyr579) antibody detects endogenous levels of PYK2 only when phosphorylated at tyrosine 579.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PYK2 around the phosphorylation site of tyrosine 579 (E-D-Y^P-Y-K).

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

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:20000

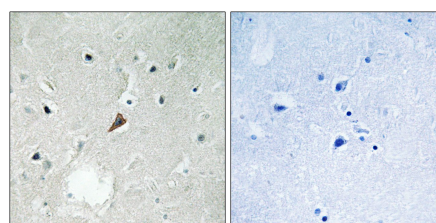
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

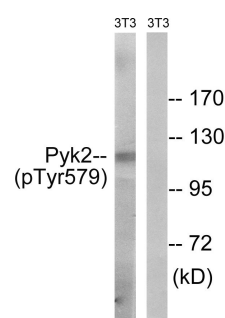
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using PYK2 (Phospho-Tyr579) antibody.



P-peptide - +

Western blot analysis of extracts from 3T3 cells, using PYK2 (Phospho-Tyr579) antibody.