



PYK2 (Phospho-Tyr580) Antibody

#14132

Catalog Number: 14132-1, 14132-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. :Q14289

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 phosphopeptide derived from Human PYK2 around the phosphorylation site of Tyrosine580

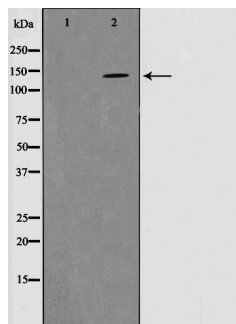
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Phospho-PYK2 (Tyr580) Antibody detects endogenous levels of PYK2 only when phosphorylated at Tyrosine580

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 135kd WB:1:500~1:2000 IHC:1:50-200



Western blot analysis on mouse brain cell lysate using Phospho-PYK2(Tyr580) Antibody

Background :

Pyk2 a nonreceptor tyrosine kinase of the Fak family. Predominantly expressed in the cells derived from hematopoietic lineages and in the central nervous system. Pyk2 is one of the signaling mediators for G-protein-coupled receptors. Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. Interacts with the SH2 domain of Grb2.