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PYK2 (Phospho-Tyr579) Antibody

货号: AYP4515

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200
理论分子量	111kDa/115kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Raji,Mouse kidney,Rat brain
细胞定位	Cell junction,Cell membrane,Cell projection,Cytoplasm,Cytoplasmic side,Nucleus,Peripheral membrane protein,cell cortex,focal adhesion,lamellipodium,perinuclear region
纯化	Affinity purification

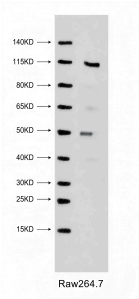
抗原信息

抗原信息	Synthesized peptide derived from Human PYK2 (Phospho-Tyr579).

靶点信息

研究背景	This gene encodes a cytoplasmic protein tyrosine kinase which is involved in calcium-induced regulation of ion channels and activation of the map kinase signaling pathway. The encoded protein may represent an important signaling intermediate between neuropeptide-activated receptors or neurotransmitters that increase calcium flux and the downstream signals that regulate neuronal activity. The encoded protein undergoes rapid tyrosine phosphorylation and activation in response to increases in the intracellular calcium concentration, nicotinic acetylcholine receptor activation, membrane depolarization, or protein kinase C activation. This protein has been shown to bind CRK-associated substrate, nephrocystin, GTPase regulator associated with FAK, and the SH2 domain of GRB2. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Four transcript variants encoding two different isoforms have been found for this gene.
基因ID	2185
基因名	PTK2B
Swiss	Q14289 (https://www.uniprot.org/uniprotkb/Q14289/entry)
别名	PTK2B,CADTK,CAKB,FADK2,FAK2,PKB,PTK,PYK2,RAFTK,PYK2 (Phospho-Tyr579) Antibody,Calcium-dependent tyrosine kinase,Calcium-regulated non-receptor proline-rich tyrosine kinase,Cell adhesion kinase beta,Focal adhesion kinase 2,Proline-rich tyrosine kinase 2,Related adhesion focal tyrosine kinase

产品验证



Western blot analysis of PYK2 (Phospho-Tyr579) expressed in RAW264.7 using PYK2 (Phospho-Tyr579) at 1:500. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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