Recombinant DGRmAb®

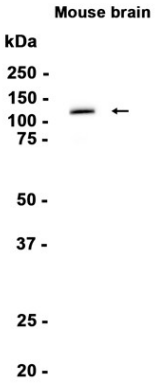
PYK2 (DGR11406) Rabbit mAb

db16002 **Package : 10μL 20μL 50μL 100μL**

Product Name : PYK2 (DGR11406) Rabbit mAb
Cat.No.: db16002
Synonyms : PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	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. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human PYK2
Gene ID	2185
Swiss Prot	Q14289
Synonyms	PKB; PTK; CAKB; FAK2; PYK2; CADTK; FADK2; RAFTK
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000 IHC-P: 1:100-1:200 ICC/IF: 1:50-1:100
Calculated MW	116 kDa
Observed MW	116 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11406
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse brain tissue using db16002 at 1:1000.