Immunoway
Best Tools for immunology Research

PDE6G (Phospho Thr22) rabbit pAb

Catalog No :	YP1596
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	PDE6G
Fields :	>>Purine metabolism;>>Metabolic pathways;>>Phototransduction
Gene Name :	PDE6G PDEG
Protein Name :	PDE6G (Phospho Thr22)
Human Gene Id :	5148
Human Swiss Prot No :	P18545
Mouse Gene Id :	18588
Mouse Swiss Prot No :	P09174
Immunogen :	Synthesized peptide derived from human PDE6G (Phospho Thr22)
Specificity :	This antibody detects endogenous levels of Human, Mouse PDE6G (Phospho Thr22)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 69kD

Background : This gene encodes the gamma subunit of cyclic GMP-phosphodiesterase, which is composed of alpha- and beta- catalytic subunits and two identical, inhibitory gamma subunits. This gene is expressed in rod photoreceptors and functions in the phototransduction signaling cascade. It is also expressed in a variety of other tissues, and has been shown to regulate the c-Src protein kinase and G-protein-coupled receptor kinase 2. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2009],

Function : catalytic activity:Guanosine 3',5'-cyclic phosphate + H(2)O = guanosine 5'-phosphate.,function:Participates in processes of transmission and amplification of the visual signal. cGMP-PDEs are the effector molecules in G-protein-mediated phototransduction in vertebrate rods and cones.,online information:Retina International's Scientific Newsletter,similarity:Belongs to the rod/cone cGMP-PDE gamma subunit family.,subunit:Oligomer composed of two catalytic chains (alpha and beta), an inhibitory chain (gamma) and the delta chain.,

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