

Product name:	PDE6G Rabbit Polyclonal Antibody
Cat number:	ABN15896
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human PDE6G AA range: 10-90
Reactivity:	Human, Mouse
Applications:	IHC 1:50-1:200, ELISA 1:5000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
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], catalytic activity: Guanosine 3',5'-cyclic phosphate + H₂O = 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.,