



Anti-PDE6C (aa 3-100) polyclonal antibody (DPAB-DC2177)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes the alpha-prime subunit of cone phosphodiesterase, which is composed of a homodimer of two alpha-prime subunits and 3 smaller proteins of 11, 13, and 15 kDa. Mutations in this gene are associated with cone dystrophy type 4 (COD4).
Immunogen	PDE6C (NP_006195, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is EINQVAVEKYLEENPQFAKEYFDRKLRVEVLGEIFKNSQVPVQSSMSFSELTQVEESALC LELLWTVQEEGGTPEQGVHRLQRLAHLQADRCSMFL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [PDE6C phosphodiesterase 6C, cGMP-specific, cone, alpha prime \[Homo sapiens \(human\) \]](#)

Official Symbol	PDE6C
Synonyms	PDE6C; phosphodiesterase 6C, cGMP-specific, cone, alpha prime; COD4; ACHM5; PDEA2; cone cGMP-specific 3,5-cyclic phosphodiesterase subunit alpha; cGMP phosphodiesterase 6C;
Entrez Gene ID	5146
Protein Refseq	NP_006195
UniProt ID	P51160
Chromosome Location	10q24
Pathway	Purine metabolism; Visual signal transduction: Cones;
Function	3,5-cyclic-GMP phosphodiesterase activity; cGMP binding; metal ion binding;