



Anti-PDE6A polyclonal antibody (CABT-BL2869)

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

PRODUCT INFORMATION

Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human PDE6A.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunoaffinity purification
Conjugate	Unconjugated
Applications	IHC
Format	Liquid
Buffer	In PBS (0.1% sodium azide)
Preservative	0.1% Sodium Azide
Storage	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes the cyclic-GMP (cGMP)-specific phosphodiesterase 6A alpha subunit, expressed in cells of the retinal rod outer segment. The phosphodiesterase 6 holoenzyme is a heterotrimer composed of an alpha, beta, and two gamma subunits. cGMP is an important regulator of rod cell membrane current, and its dynamic concentration is established by
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phosphodiesterase 6A cGMP hydrolysis and guanylate cyclase cGMP synthesis. The protein is a subunit of a key phototransduction enzyme and participates in processes of transmission and amplification of the visual signal. Mutations in this gene have been identified as one cause of autosomal recessive retinitis pigmentosa. [provided by RefSeq, Jul 2008]

GENE INFORMATION

Entrez Gene ID	5145
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Protein Refseq	NP_000431
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UniProt ID	P16499
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