

DNAxPAb

Hard-to-Find
Antibody

CNGA3 DNAxPab

Catalog # H00001261-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human CNGA3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — CNGA3

Entrez GeneID	1261
GeneBank Accession#	NM_001079878.1
Protein Accession#	NP_001073347.1
Gene Name	CNGA3
Gene Alias	ACHM2, CCNC1, CCNCa, CCNCalpha, CNCG3, CNG3
Gene Description	cyclic nucleotide gated channel alpha 3
Omim ID	216900 600053
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the cyclic nucleotide-gated cation channel protein family which is required for normal vision and olfactory signal transduction. Mutations in this gene are associated with achromatopsia (rod monochromacy) and color blindness. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000161120 cone photoreceptor cGMP-gated channel alpha subunit

Pathway

- [Olfactory transduction](#)

Disease

- [Color Vision](#)
- [Color Vision Defects](#)
- [Retinal Degeneration](#)
- [Retinal Diseases](#)