DNAxPAb | Hard-to-Find Antibody

RHO DNAxPab

Catalog # H00006010-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human RHO DNA using DNAx™ Immune t echnology.
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 — RHO

Entrez GeneID	6010
GeneBank Accession#	AM392780.1
Protein Accession#	CAL37658.1
Gene Name	RHO
Gene Alias	CSNBAD1, MGC138309, MGC138311, OPN2, RP4
Gene Description	rhodopsin
Omim ID	180380
Gene Ontology	Hyperlink
Gene Summary	Retinitis pigmentosa is an inherited progressive disease which is a major cause of blindness in western communities. It can be inherited as an autosomal dominant, autosomal recessive, or X-linked recessive disorder. In the autosomal dominant form,which comprises about 25% of total cases, approximately 30% of families have mutations in the gene encoding the rod photoreceptor-specific protein rhodopsin. This is the transmembrane protein which, when photoexcited, initiates the visual transduction cascade. Defects in this gene are also one of the causes of congenital stationary night blindness. [provided by RefSeq
Other Designations	opsin 2, rod pigment|retinitis pigmentosa 4, autosomal dominant|rhodopsin (opsin 2, rod pigment) (retinitis pigmentosa 4, autosomal dominant)

Disease

- Genetic Diseases
- Retinal Degeneration
- Retinal Diseases
- Retinitis Pigmentosa
- Vision Disorders