

DNAxPAb

Hard-to-Find
Antibody

BEST1 DNAxPab

Catalog # H00007439-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human BEST1 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 — BEST1

Entrez GeneID	7439
GeneBank Accession#	BC041664.1
Protein Accession#	AAH41664.1
Gene Name	BEST1
Gene Alias	ARB, BEST, BMD, TU15B, VMD2
Gene Description	bestrophin 1
Omim ID	153700 153870 607854 608161
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a member of the bestrophin gene family. This small gene family is characterized by proteins with a highly conserved N-terminus with four to six transmembrane domains. Bestrophins may form chloride ion channels or may regulate voltage-gated L-type calcium-ion channels. Bestrophins are generally believed to form calcium-activated chloride-ion channels in epithelial cells but they have also been shown to be highly permeable to bicarbonate ion transport in retinal tissue. Mutations in this gene are responsible for juvenile-onset vitelliform macular dystrophy (VMD2), also known as Best macular dystrophy, in addition to adult-onset vitelliform macular dystrophy (AVMD) and other retinopathies. Alternative splicing results in multiple variants encoding distinct isoforms</p>
Other Designations	Best disease vitelliform macular dystrophy protein 2

Disease

- [Macular Degeneration](#)
- [Retinal Diseases](#)