

DNAxPAb

Hard-to-Find
Antibody

ABCD4 DNAxPab

Catalog # H00005826-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ABCD4 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 — ABCD4

Entrez GeneID	5826
GeneBank Accession#	BC012815
Gene Name	ABCD4
Gene Alias	ABC41, EST352188, P70R, P79R, PMP69, PXMP1L
Gene Description	ATP-binding cassette, sub-family D (ALD), member 4
Omim ID	603214
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. The function of this peroxisomal membrane protein is unknown. However, it is speculated that it may function as a heterodimer for another peroxisomal ABC transporter and, therefore, may modify the adrenoleukodystrophy phenotype. It may also play a role in the process of peroxisome biogenesis. Alternative splicing results in at least two different transcript variants, one which is protein-coding and one which is probably not protein-coding. [provided by RefSeq]</p>
Other Designations	69 kDa peroxisomal ABC-transporter ATP-binding cassette, sub-family D, member 4 peroxisomal membrane protein 1-like peroxisomal membrane protein 69

Pathway

- [ABC transporters](#)