

DNAxPAb

Hard-to-Find
Antibody

ACAD9 DNAxPab

Catalog # H00028976-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ACAD9 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MSGCGLFLRTTAAARACRGLVVSTANRRLLRTSPPVRAFAKELFLGKIKKKEVFPFPEVSQDELN
EINQFLGPVEKFFTEEVDNRKIDQEGKIPDETLEKLKSLGLFGLQVPEEYGGGLGFSNTMYSRLGEI
SMDGSITVTLAAHQAIKLGKILAGTEEQKAKYLPKLASGEHIAAFCLTEPASGSDAASIRSRATLSE
DKKHLYLNGSKVWITNGGLANIFTVFAKTEVVDSDGSKDKITAFIVERDFGGVTNGKPEDKLGIRG
SNTCEVHFENTKIPVENILGEVGDGFKVAMNINSGRFSMGSVVAGLLKRLIEMTAEYACTRKQFN
KRLSEFGLIQEKFALMAQKAYVMESMTYLTAGMLDQPGFDCSIEAAMVKVFSSEAAWQCVSEA
LQILGGLGYTRDYPYERILRDTRILLIFEGTNEILRMYALTGLQHAGRILTTRIHELKQAKVSTVMDTVG
RRLRDSLGRTVDLGLTGNHGVVHPSLADSANKFEENTYCFGRVETLLLRFGKTIMEEQLVLKRV
ANILINLYGMTAVLSRASRSIRIGLRNHDHEVLLANTFCVEAYLQNLFSLSQLDKYAPENLDEQIKKV
SQQILEKRAYICAHPLDRTC

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 — ACAD9

Entrez GeneID [28976](#)

GeneBank Accession# [NM_014049.3](#)

Protein Accession# [NP_054768.2](#)

Gene Name ACAD9

Gene Alias ACAD-9, FLJ23533, MGC14452, NPD002

Gene Description acyl-Coenzyme A dehydrogenase family, member 9

Omim ID [611103](#) [611126](#)

Gene Ontology [Hyperlink](#)

Gene Summary Mitochondrial fatty acid beta-oxidation is one of the main energy-producing metabolic pathways in eukaryotes. Acyl-CoA dehydrogenases (ACADs; EC 1.3.99.13) are mitochondrial enzymes that catalyze the initial rate-limiting step in the beta-oxidation of fatty acyl-CoA. ACAD9 belongs to a group of ACADs that act on fatty acids containing 14 to 20 carbons (Zhang et al., 2002 [PubMed 12359260]).[supplied by OMIM]

Other Designations acyl-CoA dehydrogenase 9|very-long-chain acyl-CoA dehydrogenase VLCAD

Pathway

- [1- and 2-Methylnaphthalene degradation](#)
- [Geraniol degradation](#)