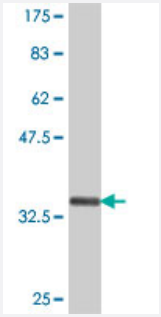
ABCD1 polyclonal antibody (A01)

Catalog # H00000215-A01 Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ABCD1.
Immunogen	ABCD1 (AAH15541, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag.
Sequence	MPVLSRPRPWRGNTLKRTAVLLALAAYGAHKVYPLVRQCLAPARGLQAPAGEPTQEASGVAAA KAGMNRVFLQRLLWLLRLLFPRVLCRETGLLALHSAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (82)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — ABCD1

Entrez GeneID	215
GeneBank Accession#	BC015541
Protein Accession#	AAH15541
Gene Name	ABCD1
Gene Alias	ABC42, ALD, ALDP, AMN
Gene Description	ATP-binding cassette, sub-family D (ALD), member 1
Omim ID	300100 300371
Gene Ontology	Hyperlink
Gene Summary	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 membrane s. 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 i mport of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporte rs are half transporters which require a partner half transporter molecule to form a functional homo dimeric or heterodimeric transporter. This peroxisomal membrane protein is likely involved in the peroxisomal transport or catabolism of very long chain fatty acids. Defects in this gene have been identified as the underlying cause of adrenoleukodystrophy, an X-chromosome recessively inherit ed demyelinating disorder of the nervous system. [provided by RefSeq
Other Designations	OTTHUMP00000025960|adrenoleukodystrophy protein

Pathway

- ABC transporters

Disease

- Adrenoleukodystrophy

- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Genetic Predisposition to Disease
- Neuroblastoma