

Datasheet for ABIN630357 **anti-ABCD4 antibody**



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1 Image

Overview

Quantity:	100 µg
Target:	ABCD4
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABCD4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ABCD4 antibody was raised using a synthetic peptide corresponding to a region with amino acids FGPHGVLFLPQKPFFTDGLREQVIYPLKEVYPDSGSADDERILRFLELA
Purification:	Purified

Target Details

Target:	ABCD4
Alternative Name:	ABCD4 (ABCD4 Products)
Background:	ABCD4 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

Target Details

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.

Molecular Weight: 55 kDa (MW of target protein)

Application Details

Application Notes: WB: 1.25 µg/mL
Optimal conditions should be determined by the investigator.

Comment: ABCD4 Blocking Peptide, catalog no. 33R-2911, is also available for use as a blocking control in assays to test for specificity of this ABCD4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ABCD4 antibody in PBS

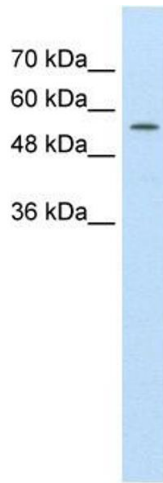
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. ABCD4 antibody used at 1.25 ug/ml to detect target protein.