

ABCD4 Antibody

ABCD4, ATP-binding cassette, sub-family D (ALD), member 4, ABC41, EST352188, P70R, P79R, PMP69, PXMP1L, ATP-binding cassette, sub-family D, member 4, peroxisomal membrane protein 1-like

CATALOG NO.: 46-796

HOST:

Goat

CLONALITY:

Polyclonal

INFORMATION:

ABCD4 Antibody. Reported variants represent identical protein: NP_064719.1 NP_064731.1 NP_064720.1 NP_064730.1

SOURCE:

Antibody was raised against a synthetic peptide of ABCD4.

PROTEIN ACCESSION NUMBER(S) :

NP_005041.1

SPECIES REACTIVITY:

H, M, R, D

TESTED APPLICATION:

E, WB

APPLICATION:

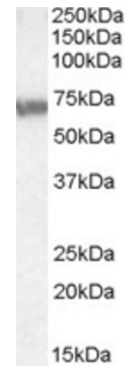
Peptide ELISA: antibody detection limit dilution 1:8,000.
Western Blot: Approx 70kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 68.6kDa according to NP_005041.1). Recommended concentration: 0.3-1µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody, 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of ABCD4 in Jurkat lysate (35µg protein in RIPA buffer) using ABCD4 antibody (0.3µg/ml).

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Asheuer M, Bieche I, Laurendeau I, Moser A, Hainque B, Vidaud M, Aubourg P. Decreased expression of ABCD4 and BG1 genes early in the pathogenesis of X-linked adrenoleukodystrophy. Hum Mol Genet. 2005 May 15;14(10):1293-303

USER NOTES:

When working with antibodies optimal dilutions and concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.