

Product Datasheet

ABCD1 Antibody NB100-96913

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-96913**ABCD1 Antibody****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	83 kDa

Product Description

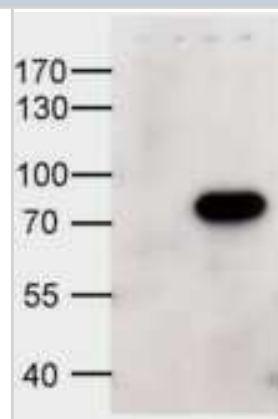
Host	Goat
Gene ID	215
Gene Symbol	ABCD1
Species	Human
Immunogen	Peptide with sequence C-EDMQRKGYSEQD corresponding to internal region according to NP_000024.2.

Product Application Details

Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1:100 - 1:2000, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave an approx. 50 kDa band in human brain (cerebellum) lysates after 1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 82.9 kDa band according to NP_000024.2. The 50 kDa band was successfully blocked by incubation with the immunizing peptide.

Images

Western Blot: ABCD1 Antibody [NB100-96913] - HEK293 overexpressing human ABCD1 and probed with NB100-96913 at 1ug/ml (mock transfection in first lane).

**Publications**

Hoftberger R, Kunze M, Weinhofer I et al. Distribution and cellular localization of adrenoleukodystrophy protein in human tissues: implications for X-linked adrenoleukodystrophy. Neurobiol Dis 2007-11-01 [PMID: 17761426]



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Products Related to NB100-96913

NBL1-07179	ABCD1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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