

ABCD3 Rabbit pAb

CatalogNo: YN0479

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 72kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**ELISA 1:5000-20000**

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 40-120**Specificity** ABCD3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name ABCD3 PMP70 PXMP1

Protein Name	ATP-binding cassette sub-family D member 3 (70 kDa peroxisomal membrane protein) (PMP70)		
	Organism	Gene ID	UniProt ID
	Human	5825;	P28288;
	Mouse		P55096;
	Rat		P16970;
Cellular Localization	Peroxisome membrane ; Multi-pass membrane protein .		
Tissue specificity	Brain,Liver,Lung,		
Function	Disease:Defects in ABCD3 may be the cause of Zellweger syndrome type 2 (ZWS-2) [MIM:170995]. ZWS-2 is an autosomal recessive disorder due to defective import mechanisms for peroxisomal matrix enzymes. The clinical phenotype includes characteristic facies, progressive neurological dysfunction, liver disease and death in infancy.,Function:Probable transporter. The nucleotide-binding fold acts as an ATP-binding subunit with ATPase activity.,similarity:Belongs to the ABC transporter family. ALD subfamily.,similarity:Contains 1 ABC transmembrane type-1 domain.,similarity:Contains 1 ABC transporter domain.,subunit:Can form heterodimers with ABCD1/ALD and ABCD2/ALDR. Dimerization is necessary to form an active transporter. Interacts with PEX19.,		

| Validation Data

| Contact information

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