

产品名称: ATPBD3 Rabbit Polyclonal Antibody
产品货号: APRab07348



产品概述 (Summary)

产品名称 (Production Name)	ATPBD3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CTU1 CTU1; ATPBD3; NCS6; Cytoplasmic tRNA 2-thiolation protein 1; ATP-binding domain-containing protein 3; Cancer-associated gene protein; Cytoplasmic tRNA adenylyltransferase 1
别名 (Alternative Names)	
基因 ID (Gene ID)	90353.0
蛋白 ID (SwissProt ID)	Q7Z7A3.The antiserum was produced against synthesized peptide derived from human ATPBD3. AA range:291-340

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	36kDa

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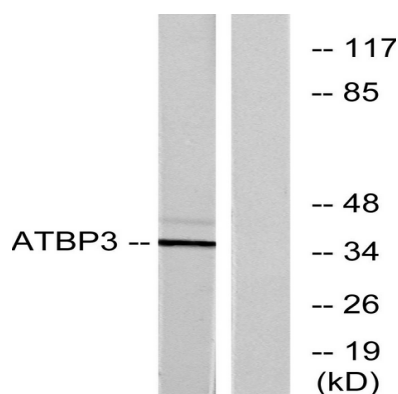


研究背景 (Background)

function: Plays a central role in 2-thiolation of mcm(5)S(2)U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Directly binds tRNAs and probably acts by catalyzing adenylation of tRNAs, an intermediate required for 2-thiolation. It is unclear whether it acts as a sulfurtransferase that transfers sulfur from thiocarboxylated URM1 onto the uridine of tRNAs at wobble position., pathway: tRNA modification; 5-methoxycarbonylmethyl-2-thiouridine-tRNA biosynthesis., similarity: Belongs to the ttcA family. CTU1/NCS6/ATPBD3 subfamily., subunit: Component of a complex at least composed of URM1, CTU2/NCS2 and ATPBD3/NCS6. May form a heterodimer with CTU2/NCS2., function: Plays a central role in 2-thiolation of mcm(5)S(2)U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Directly binds tRNAs and probably acts by catalyzing adenylation of tRNAs, an intermediate required for 2-thiolation. It is unclear whether it acts as a sulfurtransferase that transfers sulfur from thiocarboxylated URM1 onto the uridine of tRNAs at wobble position., pathway: tRNA modification; 5-methoxycarbonylmethyl-2-thiouridine-tRNA biosynthesis., similarity: Belongs to the ttcA family. CTU1/NCS6/ATPBD3 subfamily., subunit: Component of a complex at least composed of URM1, CTU2/NCS2 and ATPBD3/NCS6. May form a heterodimer with CTU2/NCS2.,

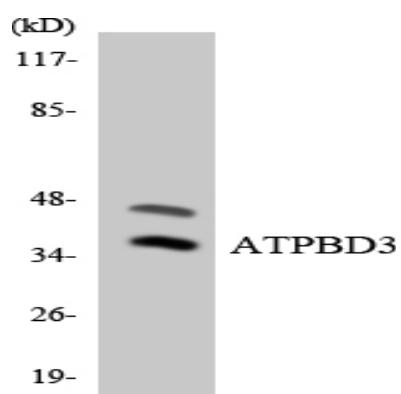
研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from LOVO cells, using ATPBD3 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from 293 cells using ATPBD3 antibody.

注意事项 (Note)

For research use only .