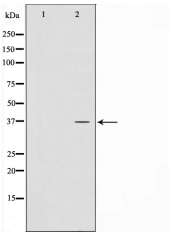
Affinity Biosciences
website:www.affbiotech.com
order:order@affbiotech.com

ATPBD3 Ab

Images(1)

Cat.#: AF0721	Concn.: ~1mg/ml	Mol.Wt.: 36~43kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human ATPBD3, corresponding to a region within C-terminal amino acids.
Uniprot:	Q7Z7A3
Description:	ATPBD3 Plays a central role in 2-thiolation of mcmSU 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. Belongs to the ttcA family.



Western blot analysis on LOVO cell lysates using ATPBD3 Ab,The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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