

## MTU1 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP11414
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human MTU1
Mol wt	46310
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	MTU1
Synonyms	MTU1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

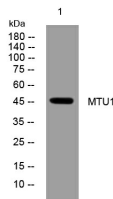
This nuclear gene encodes a mitochondrial tRNA-modifying enzyme. The encoded protein catalyzes the 2-thiolation of uridine on the wobble positions of tRNA(Lys)| tRNA(Glu)| and tRNA(Gln)| resulting in the formation of 5-taurinomethyl-2-thiouridine moieties. Mutations in this gene may cause transient infantile liver failure. Polymorphisms in this gene may also influence the severity of deafness caused by mitochondrial 12S ribosomal RNA mutations. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year