

LONM Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11093
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human LONM
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	LONM
Synonyms	LONM; Lon protease homolog; mitochondrial; EC 3.4.21.-; LONHs; Lon protease-like protein; LONP; Mitochondrial ATP-dependent protease Lon; Serine protease 15

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

Background

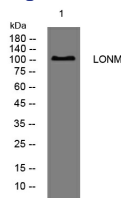
This gene encodes a mitochondrial matrix protein that belongs to the Lon family of ATP-dependent proteases. This protein mediates the selective degradation of misfolded| unassembled or oxidatively damaged polypeptides in the mitochondrial matrix. It may also have a chaperone function in the assembly of inner membrane protein complexes| and participate in the regulation of mitochondrial gene expression and maintenance of the integrity of the mitochondrial genome. Decreased expression of this gene has been noted in a patient with hereditary spastic paraplegia (PMID:18378094). Alternatively spliced transcript variants have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year