LONM rabbit pAb

Catalog_no：	AN3293
Applications：	WB
Reactivity：	Human, Mouse,Rat
Category：	抗原抗体
Size：	100μg/50μg/20μg
Gene_name：	LONP1 PRSS15
Protein_name：	LONM
Humangene_id：	9361
Humanswissprot_no：	P36776
Mousegene_id：	74142
Mouseswissprot_no：	Q8CGK3
Ratgene_id：	170916
Ratswissprot_no：	Q924S5
Immunogen：	Synthesized peptide derived from human LONM
Specificity：	This antibody detects endogenous levels of LONM at Human/Mouse/Rat
Formulation：	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.251% sodium azide.
Source：	Rabbit
Dilution：	WB 1:500-2000
Purification：	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration：	1 mg/ml
Storage_stability：	-20°C/1 year
Other_name：	Lon protease homolog, mitochondrial (EC 3.4.21.-) (LONHs) (Lon protease-like protein) (LONP) (Mitochondrial ATP-dependent protease Lon) (Serine protease 15)

Molecular Weight：	105KD
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. [provided by RefSeq, Feb 2013],