

Product datasheet for **TA348955**

CLPP Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.01-0.03 ug/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog, Pig, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-AIFM1 Antibody: Peptide with sequence C-NEVAKLFNIHED, from the C Terminus of the protein sequence according to NP_004199.1; NP_665811.1; NP_665812.1; NP_001124318.1.
Formulation:	Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	caseinolytic mitochondrial matrix peptidase proteolytic subunit
Database Link:	NP_006003 Entrez Gene 301117 Rat Entrez Gene 611738 Dog Entrez Gene 8192 Human Q16740



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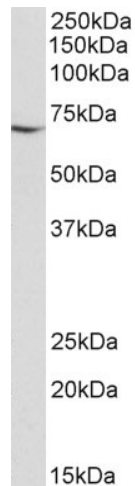
Background: This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation. In addition, this gene product induces mitochondria to release the apoptogenic proteins cytochrome c and caspase-9. Mutations in this gene cause combined oxidative phosphorylation deficiency 6, which results in a severe mitochondrial encephalomyopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 10. [provided by RefSeq, May 2010]

Synonyms: DFNB81; PRLTS3

Note: This antibody is expected to recognize isoform 1 (NP_004199.1), isoform 2 (NP_665811.1), isoform 3 (NP_665812.1) and isoform 4 (NP_001124318.1).

Protein Families: Druggable Genome, Protease

Product images:



TA348955 (0.01 ug/ml) staining of Jurkat lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.