



## Rabbit Anti-Cyclophilin E antibody

SL14138R

<b>Product Name:</b>	Cyclophilin E
<b>Chinese Name:</b>	亲环蛋白(亲环素)E抗体
<b>Alias:</b>	Ab1-210; Cyclophilin 33; Cyclophilin E; Cyclophilin-33; CYP 33; CYP33; EC 5.2.1.8; Peptidyl prolyl cis trans isomerase E; Peptidyl-prolyl cis-trans isomerase E; Peptidylprolyl isomerase E (cyclophilin E); Peptidylprolyl isomerase E; PPIase E; PPIE; PPIE_HUMAN; Rotamase E.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Cow,Horse,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	33kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human Cyclophilin E:201-301/301
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein contains a highly conserved cyclophilin (CYP) domain as well as an RNA-binding domain. It was

shown to possess PPIase and protein folding activities, and it also exhibits RNA-binding activity. Alternative splicing results in multiple transcript variants. A related pseudogene, which is also located on chromosome 1, has been identified. [provided by RefSeq, Aug 2010]

**Function:**

PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Combines RNA-binding and PPIase activities. May be involved in muscle- and brain-specific processes. May be involved in pre-mRNA splicing.

**Subcellular Location:**

Nucleus.

**Tissue Specificity:**

Found in all the examined tissues including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas.

**Similarity:**

Belongs to the cyclophilin-type PPIase family. PPIase E subfamily.  
Contains 1 PPIase cyclophilin-type domain.  
Contains 1 RRM (RNA recognition motif) domain.

**SWISS:**

Q9UNP9

**Gene ID:**

10450

**Database links:**

[Entrez Gene: 10450](#) Human

[Entrez Gene: 787681](#) Cow

[Entrez Gene: 56031](#) Mouse

[Entrez Gene: 298508](#) Rat

[Omim: 602435](#) Human

[SwissProt: A4FV72](#) Cow

[SwissProt: Q9UNP9](#) Human

[SwissProt: Q9QZH3](#) Mouse

[Unigene: 524690](#) Human

[Unigene: 126873](#) Mouse

[Unigene: 18887](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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