

## Product Information

### Anti-PPIE

antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW22196**

Formerly listed as GenWay Catalog Number 15-288-22196,  
Peptidyl-prolyl cis-trans isomerase Antibody.

Storage Temperature Store at -20 °C

Synonyms: Peptidylprolyl isomerase E isoform 1, EC 5.2.1.8

### Product Description

PPlases accelerate the folding of proteins. The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPlases 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 also exhibit RNA-binding activity. Three alternatively spliced transcript variants encoding distinct isoforms have been observed.

NCBI Accession number: NP\_006103.1

Swiss Prot Accession number: Q5TGA2

Gene Information: Human .. PPIE (10450)

Immunogen: Recombinant protein Peptidylprolyl isomerase E isoform 1

Immunogen Sequence: GI # 5174637, sequence 31 - 163

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

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