

## Product Information

**Anti-SSBP1**  
antibody produced in chicken,  
affinity isolated antibody

Catalog Number **GW22562F**  
Formerly listed as GenWay Catalog Number 15-288-22562F,  
Single-stranded DNA-binding protein, mitochondrial Anti-  
body.

Storage Temperature Store at  $-20\text{ }^{\circ}\text{C}$

Synonyms: Single-stranded DNA binding protein 1, Mt-SSB;  
MtSSB; PWP1-interacting protein 17

### Product Description

This protein binds preferentially and cooperatively to ss-  
DNA. Probably involved in mitochondrial DNA replication.

NCBI Accession number: NP\_003134.1  
Swiss Prot Accession number: Q04837

Gene Information: Human .. SSBP1 (6742)

Immunogen: Recombinant protein Single-stranded DNA  
binding protein 1

Immunogen Sequence: GI # 4507231, sequence 1 - 148

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  $2-8\text{ }^{\circ}\text{C}$  for up to one week. For  
extended storage, store in  $-20\text{ }^{\circ}\text{C}$  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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