

Product Information

Anti-Calpastatin
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW20006A**
Formerly listed as GenWay Catalog Number 15-288-20006A,
Calpastatin Antibody.

Storage Temperature Store at -20 °C

Synonyms: Calpastatin isoform a, Calpain inhibitor; Sperm
BS-17 component

Product Description

Specific inhibition of calpain (calcium-dependent cysteine protease). Plays a key role in postmortem tenderization of meat and have been proposed to be involved in muscle protein degradation in living tissue.

NCBI Accession number: NP_001741.3

Swiss Prot Accession number: P20810

Gene Information: Human .. CAST (831)

Immunogen: Recombinant protein Calpastatin isoform a

Immunogen Sequence: GI # 27765083, sequence 1 - 137

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

Species Reactivity: Human

Tested Applications: ELISA, 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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