

Catalase Blocking Peptide
Catalog # PBV10357b**Specification**

Catalase Blocking Peptide - Product Information

Primary Accession	P04040
Gene ID	847
Calculated MW	59756

Catalase Blocking Peptide - Additional Information**Gene ID** 847**Application & Usage**

The peptide is used for blocking the antibody activity of Catalase. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.

Other Names

Catalase, 1.11.1.6, CAT

Target/Specificity

Catalase

Formulation

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Catalase Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Catalase Blocking Peptide - Protein Information**Name** CAT**Function**

Catalyzes the degradation of hydrogen peroxide (H₂O₂) generated by peroxisomal oxidases to water and oxygen, thereby protecting cells from the toxic effects of hydrogen peroxide (PubMed:7882369). Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells,

mastocytoma cells and normal and transformed fibroblast cells (PubMed:7882369).

Cellular Location

Peroxisome

Catalase Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Catalase Blocking Peptide - Images