

Catalase (phospho Tyr386) Polyclonal Antibody
Catalog # AP67660**Specification**

Catalase (phospho Tyr386) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P04040
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Catalase (phospho Tyr386) Polyclonal Antibody - Additional Information**Gene ID** 847**Other Names**
CAT; Catalase**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Catalase (phospho Tyr386) Polyclonal Antibody - 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](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/7882369)).

Cellular Location

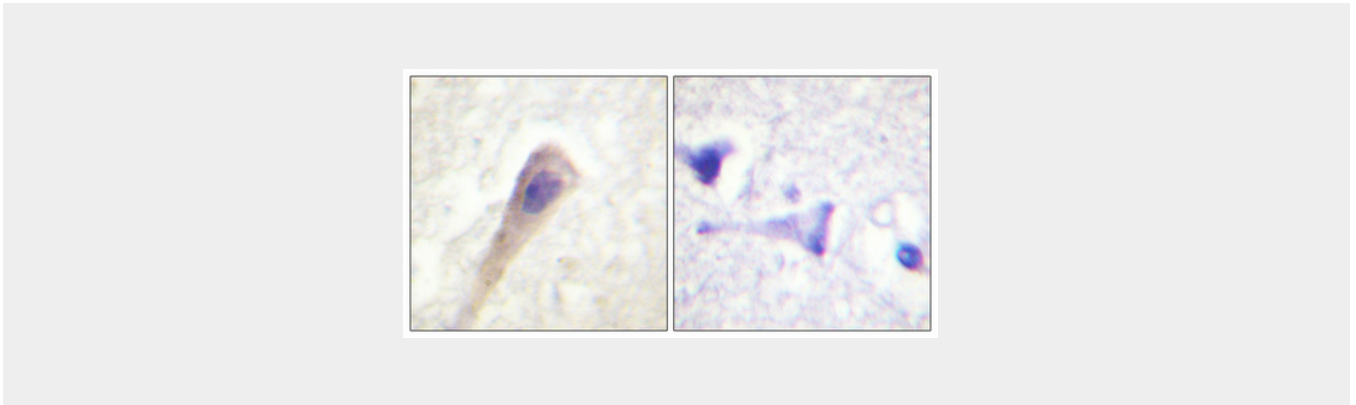
Peroxisome matrix

Catalase (phospho Tyr386) Polyclonal Antibody - 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 (phospho Tyr386) Polyclonal Antibody - Images



Catalase (phospho Tyr386) Polyclonal Antibody - Background

Occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide. Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells.