

THAP4 Polyclonal Antibody
Catalog # AP72824**Specification**

THAP4 Polyclonal Antibody - Product Information

| | |
|-------------------|---------------------------|
| Application | WB |
| Primary Accession | Q8WY91 |
| Reactivity | Human, Mouse, Rat, Monkey |
| Host | Rabbit |
| Clonality | Polyclonal |

THAP4 Polyclonal Antibody - Additional Information**Gene ID** 51078**Other Names**

THAP4; CGI-36; PP238; THAP domain-containing protein 4

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. 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

THAP4 Polyclonal Antibody - Protein Information**Name** THAP4 ([HGNC:23187](#))**Function**

Heme-binding protein able to scavenge peroxynitrite and to protect free L-tyrosine against peroxynitrite-mediated nitration, by acting as a peroxynitrite isomerase that converts peroxynitrite to nitrate. Therefore, this protein likely plays a role in peroxynitrite sensing and in the detoxification of reactive nitrogen and oxygen species (RNS and ROS, respectively). Is able to bind nitric oxide (NO) in vitro, but may act as a sensor of peroxynitrite levels in vivo, possibly modulating the transcriptional activity residing in the N- terminal region.

Cellular Location

Cytoplasm. Nucleus. Note=Localizes mainly in the cytoplasm and partially in the nucleus.

THAP4 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](#)

THAP4 Polyclonal Antibody - Images

