

THAP4 Polyclonal Antibody

Catalog # AP72824

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q8WY91
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62890

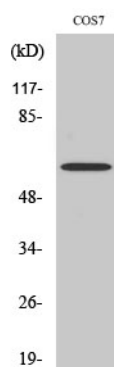
Additional Information

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. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

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.

Images



Western Blot analysis of various cells using THAP4 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.