Immunoway
Best Tools for immunology Research

THIOM Polyclonal Antibody

Catalog No :	YN2096
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	THIOM
Fields :	>>NOD-like receptor signaling pathway;>>Parkinson disease;>>Salmonella infection;>>Fluid shear stress and atherosclerosis
Gene Name :	TXN2 TRX2
Protein Name :	Thioredoxin, mitochondrial (MTRX) (Mt-Trx) (Thioredoxin-2)
Human Gene Id :	25828
Human Swiss Prot No :	Q99757
Mouse Swiss Prot No :	P97493
Rat Swiss Prot No :	P97615
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	THIOM Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 18kD

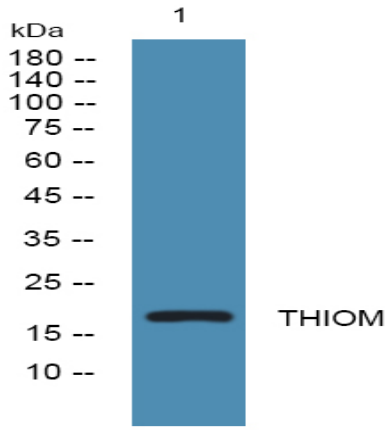
Background : This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq, Jul 2008],

Function : function:Has an anti-apoptotic function and plays an important role in the regulation of mitochondrial membrane potential. Could be involved in the resistance to anti-tumor agents. Possesses a dithiol-reducing activity.,similarity:Belongs to the thioredoxin family.,similarity:Contains 1 thioredoxin domain.,subunit:Monomer.,tissue specificity:Widely expressed in adult (at protein level) and fetal tissues.,

Subcellular Location : Mitochondrion .

Expression : Widely expressed in adult (at protein level) and fetal tissues.

Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°over night