



# Thioredoxin Reductase 1 Rabbit pAb

<b>Catalog No</b>	YP-Ab-17839
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human,Mouse,Rat
<b>Applications</b>	WB,IHC-P,ICC/IF,IP,FC
<b>Gene Name</b>	TXNRD1
<b>Alternative Names</b>	TR; TR1; TXNR; TRXR1; GRIM-12
<b>Research Field</b>	Signal Transduction
<b>Product Categories</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Molecular Weight</b>	Calculated MW: 71 kDa; Observed MW: 55 kDa
<b>Clonality</b>	Polyclonal Antibody
<b>Clonality No.</b>	-
<b>Dilution</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
<b>Immunogen</b>	A synthesized peptide derived from human TXNRD1
<b>Purification</b>	Affinity Chromatography
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Form</b>	Liquid
<b>Buffer System</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Background</b>	Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.



**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

