

## TXNRD1 antibody

### Product Information

Catalog No.:	FNab09133
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

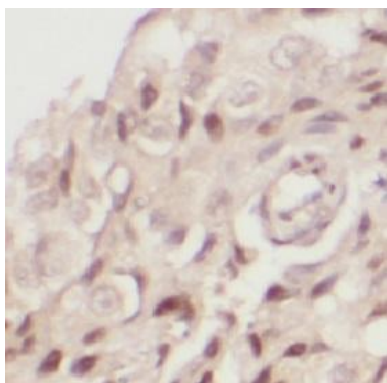
Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.

### Immunogen information

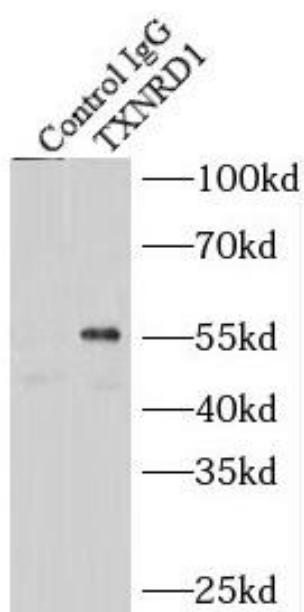
Immunogen:	thioredoxin reductase 1
Synonyms:	Thioredoxin reductase 1, cytoplasmic (TR) Gene associated with retinoic and interferon-induced mortality 12 protein (GRIM-12, Gene associated with retinoic and IFN-induced mortality 12 protein) KM-102-derived reductase-like factor Peroxidase TXNRD1 Thioredoxin reductase TR1 TXNRD1 GRIM12 KDRF
Observed MW:	54 kDa
Uniprot ID :	Q16881

### Application

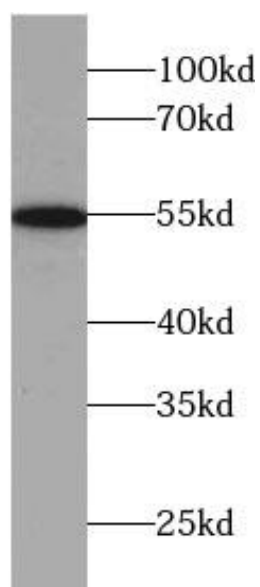
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, FC, IP
Recommended dilution:	WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:10-1:100; IP: 1:200-1:2000
Image:	



Immunohistochemistry of paraffin-embedded human breast cancer using FNab09133(TXNRD1 antibody) at dilution of 1:100



IP Result of anti-TXNRD1 (IP:FNab09133, 3ug; Detection:FNab09133 1:500) with Jurkat cells lysate 1500ug.



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09133(TXNRD1 antibody) at dilution of 1:500