

anti- TXNRD2 antibody

Product Information

Catalog No.:	FNab09134
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

This gene encodes a member of the class I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein is a selenocysteine-containing flavoenzyme that maintains thioredoxins in a reduced state, thereby playing a key role in regulating the cellular redox environment. Mammals have three related thioredoxin reductases. This gene encodes a mitochondrial form important for scavenging of reactive oxygen species in mitochondria. Alternatively spliced transcript variants encoding different isoforms have been described.

Immunogen information

Immunogen:	thioredoxin reductase 2
Synonyms:	KIAA1652, Selenoprotein Z, SELZ, thioredoxin reductase 2, Thioredoxin reductase TR3, TR, TR BETA, TR3, TRXR2, TXNRD2
Observed MW:	56 kDa
UniprotID :	Q9NNW7

Application

Reactivity:	Human, Mouse
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Wuhan Fine Biotech Co., Ltd.

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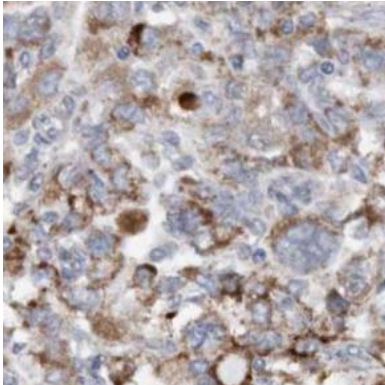
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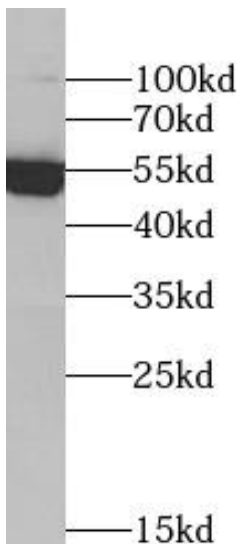
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human endometrial cancer using FNab09134(TXNRD2 antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab09134(TXNRD2 antibody) at dilution of 1:1000

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