

Basic Information

Product Name	Anti-TXNRD1 Antibody (Clone#ACCE-20)	
Gene Name	TXNRD1	
Source	Rabbit	
Clonality	Monoclonal	
Isotype	IgG	
Species Reactivity	human, mouse, rat	
Tested Application	WB, IHC, ICC/IF, IP, FCM	
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.	
Immunogen	A synthesized peptide derived from human TXNRD1 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.	
Concentration	500 ug/ml	
Purification	Affinity-chromatography	
Observed MW	55 kDa	
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-200 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-200 ImmunoPrecipitation (IP): 1:20 Flow Cytometry (FCM): 1:20	

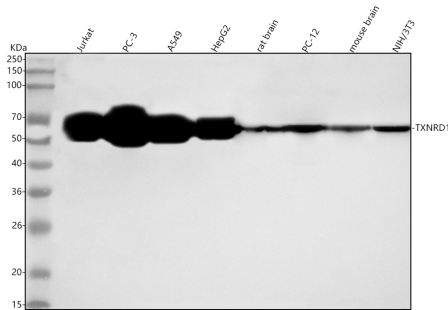
Storage

12 months from date of receipt, -20°C as supplied.

Reference

Anti-TXNRD1 Antibody (Clone#ACCE-20)被引用在2文献中。

Selected Validation Data



Western blot analysis of anti-TXNRD1 antibody (BM5241). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Jurkat whole cell lysates,

Lane 2: human PC-3 whole cell lysates,

Lane 3: human A549 whole cell lysates,

Lane 4: human HepG2 whole cell lysates,

Lane 5: rat brain tissue lysates,

Lane 6: rat PC-12 whole cell lysates,

Lane 7: mouse brain tissue lysates,

Lane 8: mouse NIH/3T3 whole cell lysates.

After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-TXNRD1 antigen affinity purified monoclonal antibody (BM5241) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for TXNRD1 at approximately 55 kDa. The expected band size for TXNRD1 is at 71 kDa.