

Thioredoxin Reductase 1 Rabbit mAb

Catalog # AP76218

Product Information

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	Q16881
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	70906

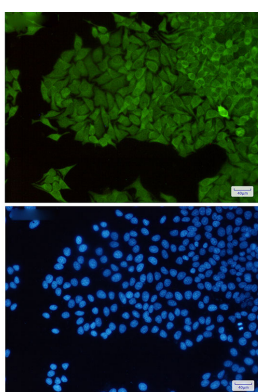
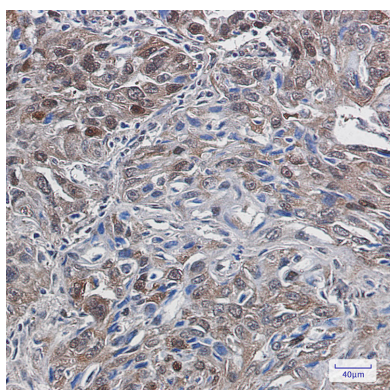
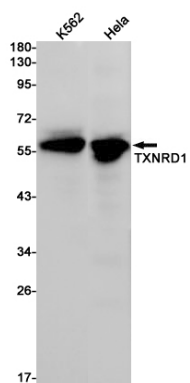
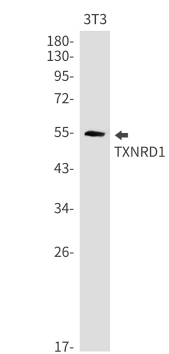
Additional Information

Gene ID	7296
Other Names	TXNRD1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~1/20 ICC~~N/A
Format	Liquid

Protein Information

Name	TXNRD1 (HGNC:12437)
Synonyms	GRIM12, KDRF
Function	Reduces disulfideprotein thioredoxin (Trx) to its dithiol- containing form (PubMed: 8577704). Homodimeric flavoprotein involved in the regulation of cellular redox reactions, growth and differentiation. Contains a selenocysteine residue at the C-terminal active site that is essential for catalysis (Probable). Also has reductase activity on hydrogen peroxide (H2O2) (PubMed: 10849437).
Cellular Location	[Isoform 1]: Cytoplasm [Isoform 5]: Cytoplasm
Tissue Location	[Isoform 1]: Expressed predominantly in Leydig cells (at protein level). Also expressed in ovary, spleen, heart, liver, kidney and pancreas and in a number of cancer cell lines

Images



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