

Recombinant

DGRmAb®

Peroxiredoxin 2 (DGR32139) Rabbit mAb

db11697

Package : 10µL 20µL 50µL 100µL

Product Name : Peroxiredoxin 2 (DGR32139) Rabbit mAb**Cat.No.:** db11697**Synonyms** : PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a**Application** : WB, ICC/IF, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein plays an antioxidant protective role in cells, and it may contribute to the antiviral activity of CD8(+) T-cells. The crystal structure of this protein has been resolved to 2.7 angstroms. This protein prevents hemolytic anemia from oxidative stress by stabilizing hemoglobin, thus making this gene a therapeutic target for patients with hemolytic anemia. This protein may have a proliferative effect and play a role in cancer development or progression. Related pseudogenes have been identified on chromosomes 5, 6, 10 and 13. [provided by RefSeq, Mar 2013]

Immunogen

A synthetic peptide of human Peroxiredoxin 2/PRP

Gene ID

7001

Swiss Prot

P32119

Synonyms

PRP; TSA; PRX2; PTX1; TPX1; NKEFB; PRXII; TDPX1; NKEF-B; HEL-S-2a

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC

Recommended dilution

WB: 1:5000-1:50000

ICC/IF: 1:100-1:200

FC: 1:100-1:1000

Calculated MW

22 kDa

Observed MW

22 kDa

Host species

Rabbit

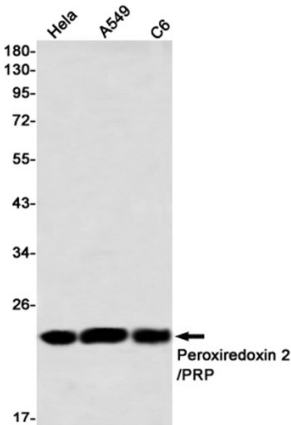
Clonality

Monoclonal

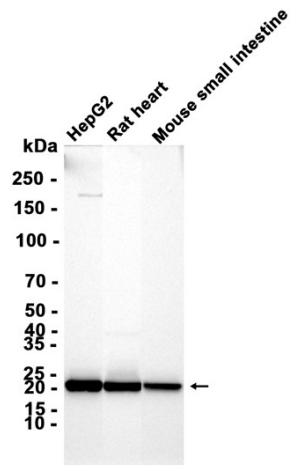
Clonality No.

DGR32139

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Peroxiredoxin 2/PRP in HeLa,A549,C6 using Peroxiredoxin 2/PRP antibody(1:1000 diluted)



Western blot analysis of extracts from HepG2 cells and Rat heart, Mouse small intestine tissue using db11697 at 1:5000.