

RK05725

Leader in Biomolecular Solutions for Life Science



[One Step] PRDX2 antibody Kit

Catalog No.: RK05725

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

22kDa

Calculated MW

22kDa

Category

Antibody kit

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.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

| Catalog No. | Product Name | Dilutions |
|-------------|--|-----------|
| RK05725-1 | [KO Validated] Peroxiredoxin 2 (PRDX2) Rabbit pAb | 22kDa |
| RK05725-2 | HRP-conjugated Goat anti-Rabbit IgG (H+L) | 22kDa |

Immunogen Information

Gene ID

7001

Swiss Prot

P32119

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-142 of human Peroxiredoxin 2 (Peroxiredoxin 2 (PRDX2)) (NP_859428.1).

Synonyms

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