

Product Name: KO-Validated PRXL2B Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01841**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 21.2kDa

Antigen Information

Gene Name	PRXL2B PRXL2B; Peroxiredoxin Like 2B; Prostamide/Prostaglandin F Synthase; C1orf93; FAM213B; Thioredoxin-Type PGF Synthase; Prostamide/PG F Synthase; Prostamide/PGF Synthase;
Alternative Names	MGC26818; Family With Sequence Similarity 213, Member B; Family With Sequence Similarity 213 Member B; Chromosome 1 Open Reading Frame 93; Peroxiredoxin-Like 2B; Protein FAM213B; EC 1.11.1.20
Gene ID	127281.0
SwissProt ID	Q8TBF2
Immunogen	Recombinant protein of human PRXL2B

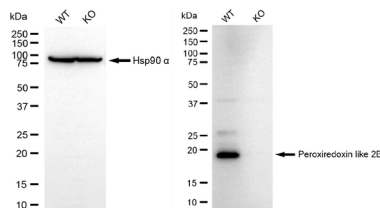
Background

Predicted to enable prostaglandin F synthase activity and thioredoxin peroxidase activity. Predicted to be involved in prostaglandin biosynthetic process. Located in extracellular exosome and mitochondrion. [provided by Alliance of Genome Resources, Jul 2025]

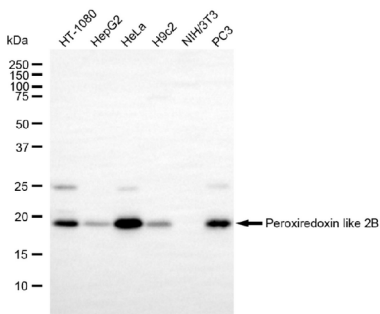
Research Area

Cell Biology,Signal Transduction,Cancer

Image Data



Western blotting analysis using peroxiredoxin like 2B antibody (KVA01841). Peroxiredoxin like 2B expression in wild-type (WT) and peroxiredoxin like 2B (PRXL2B) knockout (KO) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with peroxiredoxin like 2B antibody (KVA01841, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using peroxiredoxin like 2B antibody (KVA01841). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with peroxiredoxin like 2B antibody (KVA01841, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.