Peroxiredoxin 5 (PRDX5) Antibody

CAB1269

Description

This Peroxiredoxin 5 (PRDX5) Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1269
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	PLP, ACR1, B166, PRXV, PMP20, PRDX6, prx-V, SBBI10, AOEB166, HEL-S-55, Peroxiredoxin 5 (PRDX5)
Clone:	-
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	25824
Uniprot:	AB_2759533
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	15kDa
Calculated MW:	22kDa

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Preparation & Storage

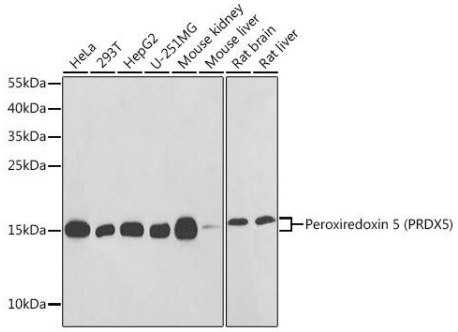
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	HeLa, 293T, HepG2, U-251MG, Mouse kidney, Mouse liver, Rat brain, Rat liver

Recommended Dilutions:

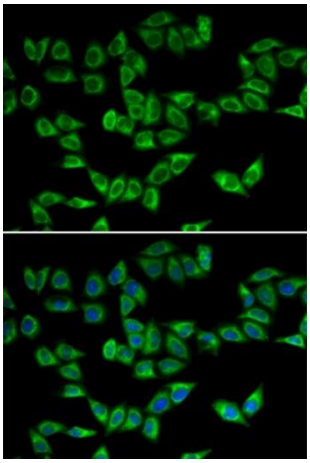
WB	1:500 - 1:2000
IF/ICC	1:20 - 1:50
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data



Western blot analysis of various lysates using Peroxiredoxin 5 (PRDX5) Rabbit pAb (CAB1269) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using Peroxiredoxin 5 (PRDX5) Rabbit pAb (CAB1269). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.