

## Peroxiredoxin 1/PAG Monoclonal Antibody

CAB4956

### Description

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This Peroxiredoxin 1/PAG Monoclonal 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

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**SKU:** CAB4956

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** PAG, PAGA, PAGB, PRX1, PRXI, MSP23, NKEFA, TDPX2, NKEF-A, Peroxiredoxin 1/PAG

**Clone:** ARC1274

**Applications:**  

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse

### Antibody Data

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**Gene ID:** 5052

**Uniprot:** AB\_2863397

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 22kDa

**Calculated MW:** 22kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

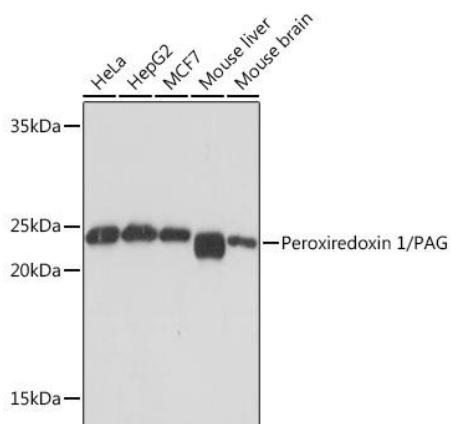
**Positive Sample:** HeLa, Hep G2, MCF7, Mouse liver, Mouse brain

**Recommended Dilutions:**

WB	1:500 - 1:2000
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 1/PAG Rabbit mAb (CAB4956) 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: 1s.