

PIAS1 Monoclonal Antibody

CAB4744

Description

This PIAS1 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

| | |
|----------------------|---|
| SKU: | CAB4744 |
| Contents: | 20 µL, 100 µL Bradford Reagent: 1 vial (2ml) |
| Category: | Monoclonal Antibody |
| Synonyms: | GBP, ZMIZ3, DDXBP1, GU/RH-II, PIAS1 |
| Clone: | ARC1116 |
| Applications: | WB ELISA |
| Conjugation: | Unconjugated |
| Reactivity: | Human, Mouse |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 8554 |
| Uniprot: | AB_2863339 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 76kDa |
| Calculated MW: | 72kDa |

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.

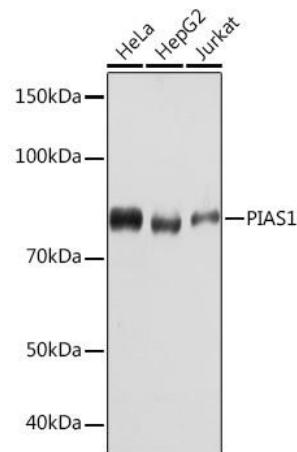
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, Hep G2, Jurkat, Mouse lung

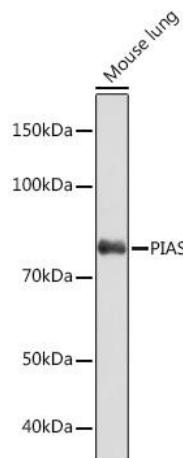
| | | |
|-------------------------------|--------------|---|
| Recommended Dilutions: | WB | 1:500 - 1:1000 |
| | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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 PIAS1 Rabbit mAb (CAB4744) 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: 60s.



Western blot analysis of lysates from Mouse lung, using PIAS1 Rabbit mAb (CAB4744) 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 Enhanced Kit (AbGn00021). Exposure time: 3min.

