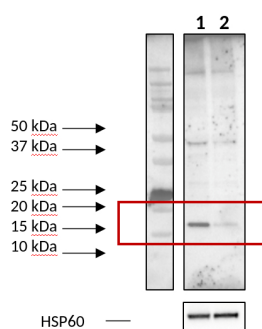


**Product no** [AS22 4718](#)**Anti-AURKAIP1 mouse | Aurora kinase A-interacting protein****Product information**

|                               |                                                                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>              | Full length, recombinant mouse AURKAIP1 protein expressed in <i>E.coli</i> , UniProt: <a href="#">Q9DCJ7</a>                                                                                                                                                                            |
| <b>Host</b>                   | Rabbit                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>              | Polyclonal                                                                                                                                                                                                                                                                              |
| <b>Purity</b>                 | Antigen affinity purified serum, in PBS pH 7.4                                                                                                                                                                                                                                          |
| <b>Format</b>                 | Lyophilized                                                                                                                                                                                                                                                                             |
| <b>Quantity</b>               | 50 µg                                                                                                                                                                                                                                                                                   |
| <b>Reconstitution</b>         | For reconstitution, add 50 µl, of sterile or deionized water.                                                                                                                                                                                                                           |
| <b>Storage</b>                | Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. |
| <b>Additional information</b> | Antibody detects a target protein band in: Total cell extracts (45 ug/well) of AML12 (Murine hepatocytes), Mouse Liver and Human Embryonic Kidney (HEK). Data not presented.                                                                                                            |

**Application information**

|                               |                                                                       |
|-------------------------------|-----------------------------------------------------------------------|
| <b>Recommended dilution</b>   | 1 : 500 (WB)                                                          |
| <b>Expected   apparent MW</b> | 22   17 kDa (without mitochondrial target sequence MTS)               |
| <b>Confirmed reactivity</b>   | Mouse                                                                 |
| <b>Predicted reactivity</b>   | Species of your interest not listed? <a href="#">Contact us</a>       |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known |
| <b>Additional information</b> | This antibody is also recognizing human AURKAIP1.                     |
| <b>Selected references</b>    | To be added when available, antibody available in November 2022.      |



10 µg of mouse mitochondrial lysate extracted with RIPA buffer (150 mM sodium chloride, 1.0% NP-40, 0.5% sodium deoxycholate, 0.1% SDS, 50 mM Tris, pH 8.0) and denatured in NuPAGE LDS Sample Buffer (Invitrogen, NP0007) at 70°C for 5 min were separated in 4-12% NuPAGE Bis-Tris (Invitrogen, NP0329BOX) and blotted 7 min to Nitrocellulose using the iBlot transfer system (Invitrogen). Blots were blocked with 5% milk at RT 30 min. Primary antibodies were used at 1: 500 ON/4°C incubation, following with the 3x15 min., wash with TBS-T at RT. Secondary antibodies were diluted to 1: 25 000, incubated for 1h/RT ([AS09 602](#), Agrisera). Reaction was developed with Agrisera ECLSuperBright ([AS16 ECL-S-10](#)).

Courtesy of Dr.

Rodolfo Garcia Villegas, Karolinska Institute, Sweden