

ATP2A3 Polyclonal Antibody

catalog number: **E-AB-66255**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

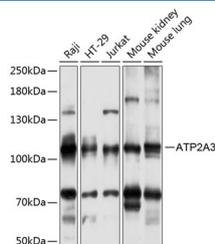
| | |
|---------------------|--|
| Reactivity | Human;Mouse |
| Immunogen | Recombinant fusion protein of human ATP2A3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

Applications

Recommended Dilution

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|-----------|--------------|
| WB | 1:500-1:2000 |
|-----------|--------------|

Data



Western blot analysis of extracts of various cell lines using ATP2A3 Polyclonal Antibody at 1:3000 dilution.

Observed-MV:114 kDa

Calculated-MV:109 kDa/112 kDa/113 kDa/114 kDa

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

Background

This gene encodes one of the SERCA Ca²⁺-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms.

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