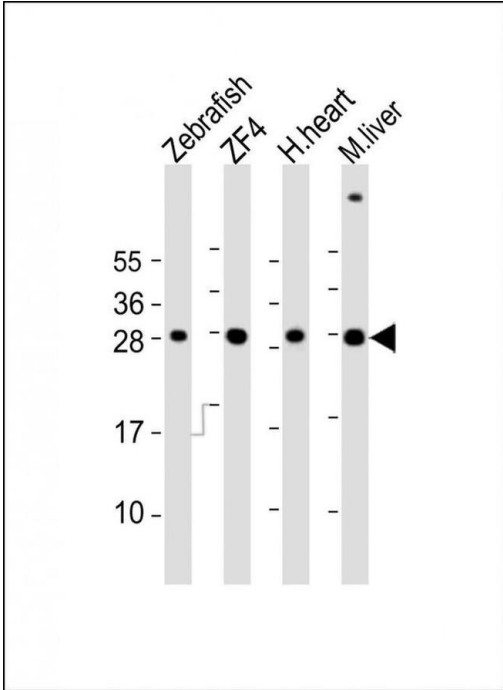


Adenylate Kinase 2 Polyclonal Antibody

| Product Details | |
|--------------------|--|
| Size | 200 µL |
| Species Reactivity | Human, Mouse, Zebrafish |
| Host/Isotype | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | KLH conjugated synthetic peptide between 147-183 amino acids from the Central region of Zebrafish ak2. |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Protein A, Antigen affinity chromatography |
| Storage buffer | PBS |
| Contains | 0.09% sodium azide |
| Storage conditions | -20° C, Avoid Freeze/Thaw Cycles |
| RRID | AB_2634936 |

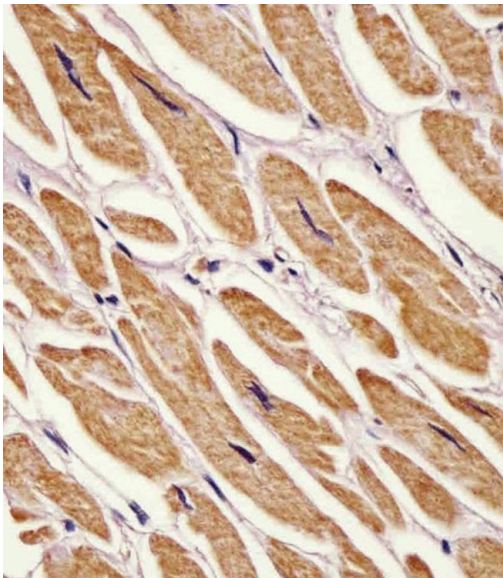
| Applications | Tested Dilution | Publications |
|--|-----------------|--------------|
| Western Blot (WB) | 1:2,000 | - |
| Immunohistochemistry (Paraffin) (IHC (P)) | 1:25 | - |
| Immunohistochemistry (PFA fixed) (IHC (PFA)) | 1:25 | - |
| Flow Cytometry (Flow) | 1:25 | - |

Product Images For Adenylate Kinase 2 Polyclonal Antibody



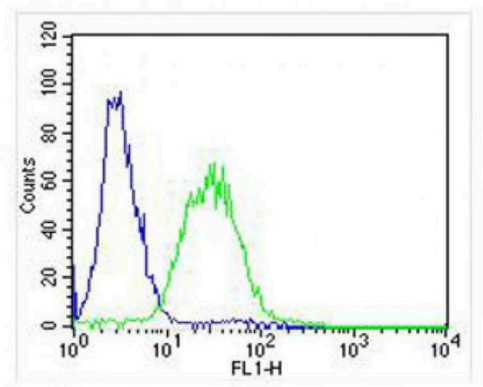
Adenylate Kinase 2 Antibody (PA5-49482) in WB

Western blot analysis of Zebrafish ak2 in (Lane 1) Zebrafish lysates (20 µg), (Lane 2) ZF4 whole cell lysates (20 µg), (Lane 3) human heart lysates (20 µg), and Lane 4: mouse liver lysates (20 µg). Samples were probed with a Zebrafish ak2 Antibody (Center) (Product # PA5-49482) at 1:2000 dilution. Secondary Goat Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa. Blocking/Dilution buffer: 5% NFDm/TBST.



Adenylate Kinase 2 Antibody (PA5-49482) in IHC (PFA)

Immunohistochemical analysis of Zebrafish ak2 in paraformaldehyde-fixed, paraffin-embedded human heart tissue sections. Samples were incubated with a ak2 antibody (Product # PA5-49482) at a 1:25 dilution for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Adenylate Kinase 2 Antibody (PA5-49482) in Flow

Flow cytometry analysis of ak2 in zebra fish ZF4 cells. Cells were fixed, permeabilized, and stained with a ak2 polyclonal antibody (Product # PA5-49482, green line) at a dilution of 1:25 in 2% BSA. Following incubation of the primary antibody for 1 hour at 37°C, cells were stained with a secondary Goat-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed antibody at a 1:400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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