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# Anti-Alpha-crystallin C Antibody

Catalog # AP61566

## Product Information

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|---|---|
| **Application** | WB |
| **Primary Accession** | Q9UJY1 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Calculated MW** | 21604 |

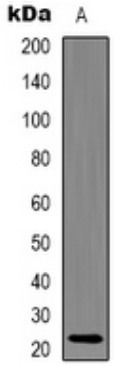
## Additional Information

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|---|---|
| **Gene ID** | 26353 |
| **Other Names** | CRYAC; E2IG1; HSP22; Heat shock protein beta-8; HspB8; Alpha-crystallin C chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22 |
| **Target/Specificity** | Recombinant protein corresponding to human Alpha-crystallin C. |
| **Dilution** | WB~~WB (1/1000 - 1/2000) |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

## Protein Information

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|---|---|
| **Name** | HSPB8 |
| **Synonyms** | CRYAC, E2IG1, HSP22 |
| **Function** | Involved in the chaperone-assisted selective autophagy (CASA), a crucial process for protein quality control, particularly in mechanical strained cells and tissues such as muscle. Displays temperature-dependent chaperone activity. |
| **Cellular Location** | Cytoplasm. Nucleus Note=Translocates to nuclear foci during heat shock |
| **Tissue Location** | Predominantly expressed in skeletal muscle and heart. |

## Images




Western blot analysis of Alpha-crystallin C expression in 293T (A) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 21 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.