

Datasheet for ABIN7435256
anti-CRYAB antibody (AA 1-175)

8 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | CRYAB |
| Binding Specificity: | AA 1-175 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Crystallin Alpha B (CRYaB) |
| Immunogen: | Recombinant Crystallin Alpha B (CRYaB) corresponding to Met1~Lys175 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against CRYaB. It has been selected for its ability to recognize CRYaB in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|-------|
| Target: | CRYAB |
|---------|-------|

Target Details

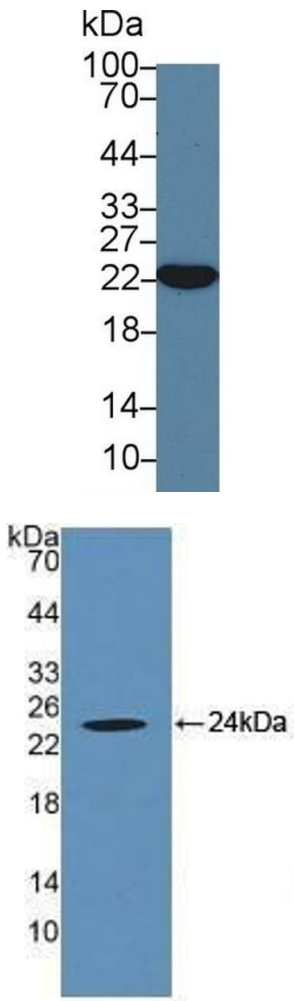
| | |
|-------------------|--|
| Alternative Name: | Crystallin Alpha B (CRYAB Products) |
| Background: | CRY-AB, CRYA-B, CRYA2, CTPP2, HSPB5, Heat shock protein beta-5, Renal carcinoma antigen NY-REN-27, Rosenthal fiber component |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |

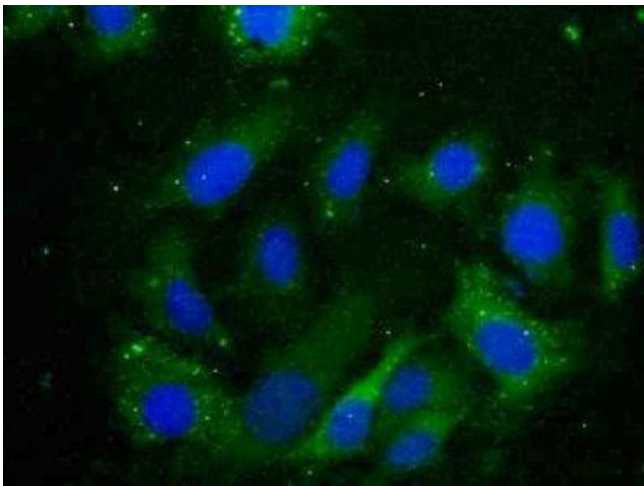


Western Blotting

Image 1. Detection of CRYaB in Mouse Heart lysate using Polyclonal Antibody to Crystallin Alpha B (CRYaB)

Western Blotting

Image 2. Detection of Recombinant CRYaB, Human using Polyclonal Antibody to Crystallin Alpha B (CRYaB)



Immunofluorescence

Image 3. Detection of CRYaB in Human U2OS Cell using Polyclonal Antibody to Crystallin Alpha B (CRYaB)

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN7435256.