

Cryab antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12889**Specification**

Cryab antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P23928
Other Accession	NM_012935 , NP_037067
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Sheep, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Sheep, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19kDa KDa

Cryab antibody - N-terminal region - Additional Information**Gene ID** 25420

Alias Symbol	AACRYA
Other Names	
Alpha-crystallin B chain, Alpha(B)-crystallin, Cryab	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Cryab antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Cryab antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Cryab antibody - N-terminal region - Protein Information**Name** Cryab {ECO:0000312|RGD:2414}**Function**

May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions. In lens epithelial cells, stabilizes the ATP6V1A protein, preventing its degradation by the proteasome (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P02511}. Nucleus {ECO:0000250|UniProtKB:P02511}.

Secreted {ECO:0000250|UniProtKB:P02511}. Lysosome {ECO:0000250|UniProtKB:P23927}.
Note=Translocates to the nucleus during heat shock and resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles. Localizes at the Z-bands and the intercalated disk in cardiomyocytes. Can be secreted; the secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion. {ECO:0000250|UniProtKB:P02511}

Tissue Location

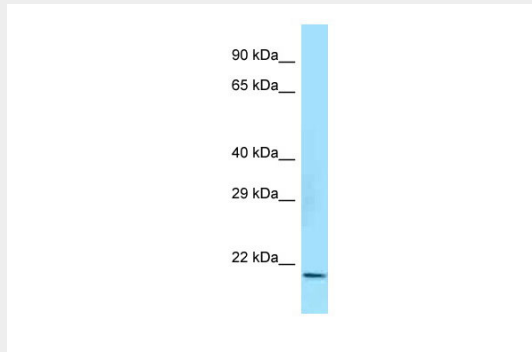
Lens as well as other tissues.

Cryab antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cryab antibody - N-terminal region - Images



WB Suggested Anti-Cryab Antibody Titration: 1.0 µg/ml

Positive Control: Rat Brain