

**mu Crystallin Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56891****Specification**

---

**mu Crystallin Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q14894</a>
Reactivity	Rat, Pig, Cat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33776

**mu Crystallin Polyclonal Antibody - Additional Information****Gene ID** 1428**Other Names**

Ketimine reductase mu-crystallin, 1.5.1.25, NADP-regulated thyroid-hormone-binding protein, CRYM, THBP

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**mu Crystallin Polyclonal Antibody - Protein Information****Name** CRYM**Synonyms** THBP**Function**

Specifically catalyzes the reduction of imine bonds in brain substrates that may include cystathionine ketimine (CysK) and lanthionine ketimine (LK). Binds thyroid hormone which is a strong reversible inhibitor. Presumably involved in the regulation of the free intracellular concentration of triiodothyronine and access to its nuclear receptors.

**Cellular Location**

Cytoplasm.

**Tissue Location**

Expressed in neural tissue, muscle and kidney.

## **mu Crystallin Polyclonal Antibody - 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](#)

## **mu Crystallin Polyclonal Antibody - Images**