

**CRYZ Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21584b**

**Specification**

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**CRYZ Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q08257</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	35207

**CRYZ Antibody (C-term) - Additional Information**

**Gene ID** 1429

**Other Names**

Quinone oxidoreductase, NADPH:quinone reductase, Zeta-crystallin, CRYZ

**Target/Specificity**

This CRYZ antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 248-282 amino acids from the C-terminal region of human CRYZ.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CRYZ Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CRYZ Antibody (C-term) - Protein Information**

**Name** CRYZ

**Function** Does not have alcohol dehydrogenase activity. Binds NADP and acts through a one-electron transfer process. Orthoquinones, such as 1,2-naphthoquinone or 9,10-phenanthrenequinone, are the best substrates (in vitro). May act in the detoxification of xenobiotics. Interacts with (AU)-rich elements (ARE) in the 3'-UTR of target mRNA species.

Enhances the stability of mRNA coding for BCL2. NADPH binding interferes with mRNA binding.

**Cellular Location**

Cytoplasm.

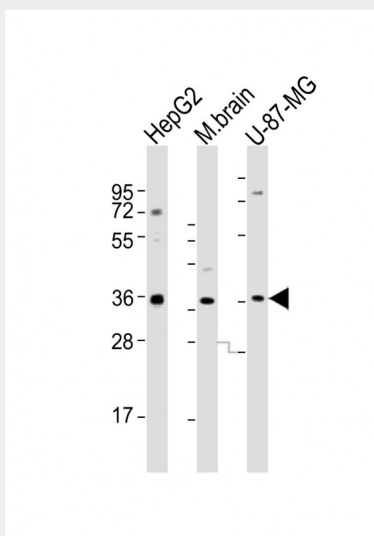
**Tissue Location**

Only very low amounts in the lens.

**CRYZ Antibody (C-term) - 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](#)

**CRYZ Antibody (C-term) - Images**

All lanes : Anti-CRYZ Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: mouse brain lysates Lane 3: U-87-MG whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 35 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

**CRYZ Antibody (C-term) - Background**

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**CRYZ Antibody (C-term) - References**

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Gonzalez P.,et al.Genomics 21:317-324(1994).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
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Bechtel S.,et al.BMC Genomics 8:399-399(2007).