10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

CRYZ Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q08257
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
E~~Use at an assay dependent concentration.

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.

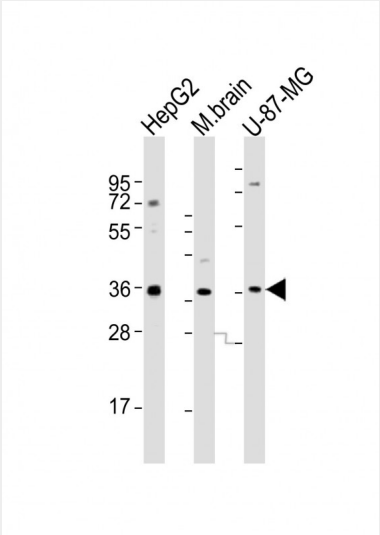
Tissue Location
Only very low amounts in the lens.

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 Cytomety
- 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% NFDM/TBST.

CRYZ Antibody (C-term) - Background

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.

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CRYZ Antibody (C-term) - References

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Bechtel S.,et al.BMC Genomics 8:399-399(2007).