

For Research Use Only

# CRYBA2 Polyclonal antibody

Catalog Number:15750-1-AP



## Basic Information

<b>Catalog Number:</b> 15750-1-AP	<b>GenBank Accession Number:</b> BC006285	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 350 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1412	<b>Recommended Dilutions:</b> WB 1:2000-1:12000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P53672	
<b>Isotype:</b> IgG	<b>Full Name:</b> crystallin, beta A2	
<b>Immunogen Catalog Number:</b> AG8222	<b>Calculated MW:</b> 197 aa, 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse eye tissue, rat eye tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

CRYBA2, also named as Beta A2 crystallin, is a member of crystallin superfamily. Mammalian lens crystallins are divided into alpha, beta, and gamma families; beta and gamma crystallins are also defined as a superfamily. Alpha and beta families are further divided into acidic and basic groups. Crystallins are the dominant structural components of the vertebrate eye lens. The MW of this protein is 22 kDa, and this antibody specially recognises the 22 kDa protein.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

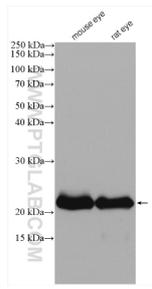
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15750-1-AP (CRYBA2 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.