## [ Primary Antibody ]

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www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn

## beta Crystallin A3 Rabbit pAb

- DATASHEFT		400-901-9800	
Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)	
<b>Clonality:</b> Polyclonal		<b>Boactivity:</b> (predicted: Human Mouse	
GenelD: 1411	SWISS: P05813	Rat, Rabbit, Pig, Sheep,	
Target: beta Crystallin A3		Cow, Horse)	
Immunogen: KLH conjugated synthetic peptide derived from human beta Crystallin A3: 101-200/215.		Predicted MW.: <sup>25 kDa</sup>	
Purification: affinity purified by F	Protein A	Subsellular	
Concentration: 1mg/ml		Location: Nucleus	
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.			
Background: Crystallins are the n they maintain the tr Crystallins are divid crystallins also com seven distinctive pr motifs, a connecting crystallins constitut associate into dime b-crystallin subfam including bA1-, bA2 bA1- and bA3-crysta They differ by only 2 by use of an alterna bB1-, bB2- and bB3 chromosome 22q11 map to human chro	najor proteins of the vertebrate eye lens, when ansparency and refractive index of the lens. ed into a, b, and g families, and the b- and g- prise a superfamily. Crystallins usually contair otein regions, including four homologous g peptide, and N- and C-terminal extensions. b e the major lens structural proteins. They rs, tetramers, and higher order aggregates. Th ly is composed of several gene products, ., bA3-, bA4-, bB1-, bB2- and bB3-crystallin. Th- illin proteins are encoded by a single mRNA. .7 amino acids, and bA1-crystallin is generated te translation initiation site. The genes for bA4 crystallin are clustered on human , while the genes for bA3/A1- and bA2-crystallin mosomes 17q11 and 2q34, respectively.	e - e 1 -, n	