

## ARG58547 anti-gamma Crystallin C antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes gamma Crystallin C
Tested Reactivity	Hu
Predict Reactivity	Cow, Rat, Dog, Hrs, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	gamma Crystallin C
Species	Human
Immunogen	Synthetic peptide around the middle region of Human gamma Crystallin C. (within the following sequence: GLSDSIRSCCLIPQTVSHRLRLYEREDHKGLMMESEDCPSIQDRFHLSE)
Conjugation	Un-conjugated
Alternate Names	CTRCT2; Gamma-crystallin 3; CRYG3; Gamma-C-crystallin; CCL; Gamma-crystallin 2-1; Gamma-crystallin C

### Application Instructions

Predict Reactivity Note	Predicted homology based on immunogen sequence: Cow: 79%; Dog: 93%; Horse: 86%; Rabbit: 86%; Rat: 79%				
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>WB</td><td>0.2 - 1 µg/ml</td></tr> </table>	Application	Dilution	WB	0.2 - 1 µg/ml
Application	Dilution				
WB	0.2 - 1 µg/ml				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				
Positive Control	OVCAR-3				

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS, 0.09% (w/v) Sodium azide and 2% Sucrose.
Preservative	0.09% (w/v) Sodium azide
Stabilizer	2% Sucrose
Concentration	Batch dependent: 0.5 - 1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

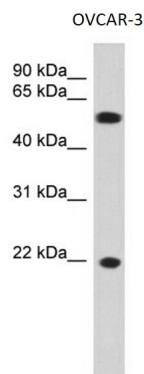
#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	CRYGC
Gene Full Name	crystallin, gamma C
Background	This gene encodes a member of the beta/gamma-crystallin family of proteins. Crystallins constitute the major proteins of vertebrate eye lens and maintain the transparency and refractive index of the lens. This gene and several family members are present in a gene cluster on chromosome 2. Mutations in this gene have been shown to cause multiple types of cataract, including Coppock-like cataract and zonular pulverulent cataract, among others. [provided by RefSeq, Jan 2015]
Function	Crystallins are the dominant structural components of the vertebrate eye lens. [UniProt]
Calculated Mw	21 kDa

## Images



#### ARG58547 anti-gamma Crystallin C antibody WB image

Western blot: OVCAR-3 cell lysate stained with ARG58547 anti-gamma Crystallin C antibody at 0.2 - 1 µg/ml dilution.