

Anti-CRYGC antibody (1-174) (STJ111656)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

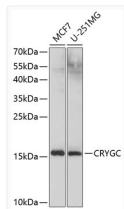
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 21kDa Observed Mw: 17kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

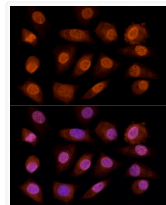
Gene ID	1420
Gene Symbol	CRYGC
UniProt ID	CRGC_HUMAN
Immunogen Region	1-174
Immunogen Sequence	MGKITFYEDRAFGGRSYETT TDCPNLQPYFSCRNSIRVES GCWMLYERPNYQGQQYLLRR GEYPDYQQWMLSDSIRSCC LIPQTVSHRLRLYEREDHKG LMMELSEDGPSIQDRFHLSE IRSLHVLEGCWVLYELPNYR GRQYLLRPQEYRRCQDWGAM DAKAGSLRRVVDLY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-174 of human CRYGC (NP_066269.1).

ADDITIONAL INFORMATION

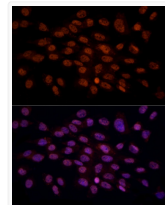
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using CRYGC Rabbit pAb (STJ111656) at 1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 5s.



Immunofluorescence analysis of L929 cells using CRYGC Rabbit pAb (STJ111656) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using CRYGC Rabbit pAb (STJ111656) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.