# Anti-RyR2 Polyclonal Antibody

 Catalog No.
 Size

 A200063-01
 50 μl

 A200063-02
 100 μl



Specificity	Anti-RyR2 (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IHC IF
Form	Liquid, 1 mg/ml

### Product

Swiss-Prot No.: Q92736

Other Names: RYR-2, cardiac muscle ryanodine

receptor-calcium release channel, cardiac muscle-type

ryanodine receptor, ryanodine receptor 2

#### **Specificity and Sensitivity**

RyR2 antibody detects endogenous levels of total RyR2 protein.

#### Source and Purification

The antiserum was produced against synthesized peptide derived from Internal of human RyR2.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

#### **Application Notes**

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000

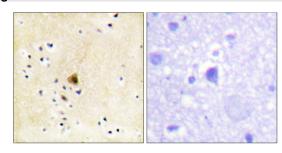
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

#### Storage Instructions

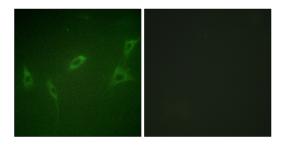
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

#### Images



Peptide -

Immunohistochemistry analysis of paraffin-embedded human brain tissue using RyR2 antibody.



Peptide - +

Immunofluorescence analysis of NIH/3T3 cells, using RyR2 antibody.

