

Datasheet for ABIN1531389
anti-RYR2 antibody (pSer2808)[Go to Product page](#)

1 Image

Overview

| | |
|----------------------|-------------------------------------|
| Quantity: | 100 µg |
| Target: | RYR2 |
| Binding Specificity: | AA 2774-2823, pSer2808 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RYR2 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|---------------|---|
| Immunogen: | The antiserum was produced against synthesized peptide derived from human RyR2 around the phosphorylation site of Ser2808. |
| Isotype: | IgG |
| Specificity: | RyR2 (Phospho-Ser2808) Antibody detects endogenous levels of RyR2 only when phosphorylated at Ser2808. PhosphorylationH:S2808 M:S2808 R:S2798 |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Purity: | > 95 % |

Target Details

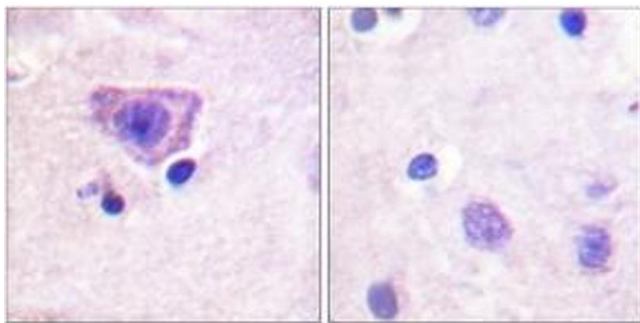
| | |
|-------------------|--|
| Target: | RYR2 |
| Alternative Name: | RyR2 (RYR2 Products) |
| Background: | Synonyms: cardiac muscle ryanodine receptor-calcium release channel, cardiac muscle-type ryanodine receptor, ryanodine receptor 2, RYR-2 NCBI Gene Symbol: RYR2 |
| Molecular Weight: | 564 kDa |
| Gene ID: | 6262 |
| OMIM: | 180902 |
| UniProt: | Q92736 |
| Pathways: | Myometrial Relaxation and Contraction |

Application Details

| | |
|--------------------|--|
| Application Notes: | IHC: 1:50~1:100 ELISA: 1:1000 |
| Comment: | Unigene-Number: Hs.109514 (NCBI Gene Symbol: RYR2) |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using RyR2 (Phospho-Ser2808) Antibody. The picture on the right is treated with the synthesized peptide.