

Anti-Ryanodine receptor-2*(RyR2, cardiac type)*

Code Number : RyR2-GP-Af480 (guinea pig, RRID : AB_2571836)

Size : 20 µg and 50 µg / See label on vial
(affinity-purified with antigen polypeptide)Formulation : Liquid ; 200 µg/ml in PBS with 0.05% NaN₃.

Storage : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

Species : rabbit, polyclonal

Antigen : mouse RyR2, 4346-4484aa
(NM_023868)

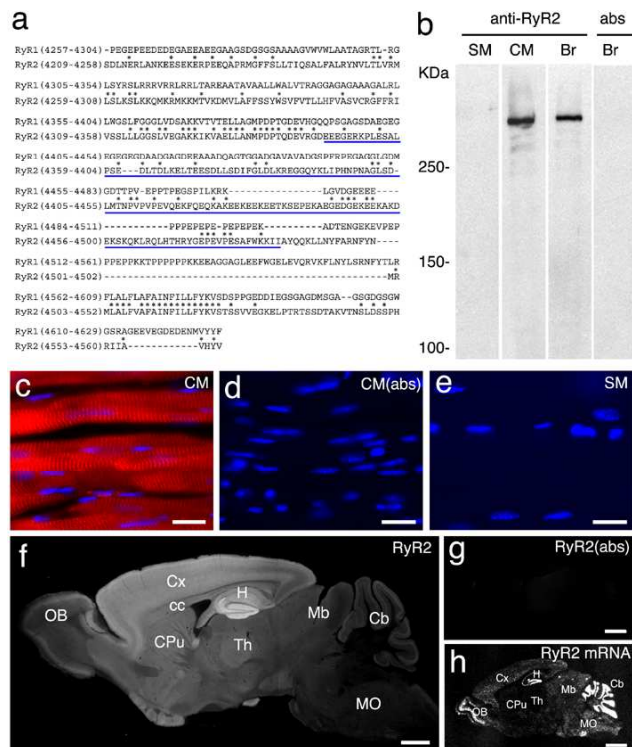
Specificity : mouse (others not tested)

Immunoblot detects a single protein band at >300 kDa in the brain and cardiac muscle, but not in the skeletal muscle.

Applications : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

Research Use : For research use only, not for use in diagnostic procedures.

Remarks :



Reference : 1) Shimizu H, Fukaya M, Yamasaki M, Watanabe M, Manabe T, Kamiya H: Use-dependent amplification of presynaptic Ca^{2+} signaling by axonal ryanodine receptors at the hippocampal mossy fiber synapse. Proc. Natl. Acad. Sci. USA, 105:11998-12003, 2008.



Research & Development

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