Anti-Cardiotin [R2G] Bulk Size Ab03330-10.0-BT

Isotype and Format: Human IgG1, Kappa
Clone Number: R2G
Alternative Name(s) of Target:
UniProt Accession Number of Target Protein:
Published Application(s): WB, IHC
Published Species Reactivity: canine, Caprine, Feline, Hamster, Monkey, Rabbit, Rat, Xenopus, Zebrafish, Human, Mouse
Immunogen: The original antibody was generated by immunizing a mouse with a total protein extract of chicken gizzard.
Specificity: The original antibody is specific for cardiotin. Cardiotin is a mitochondrion-associated protein, which is present in cardiomyocytes and skeletal muscle.
Application Notes: The antibody could detect cardiotin on microsomal swine heart samples by western blot analysis (Schaart et al., 1997; PMID: 9042960). The antibody revealed cardiotin in the longitudinal sarcoplasmic reticulum in normal atrial myocardium of goats in sinus rhythm by immunofluorescence staining (Ausma et al., 1997; PMID: 9327732). The antibody recognized cardiotin in cardiomyocytes by immunocytochemistry (Dispersyn et al., 2001; PMID: 11470462). The antibody was employed in immunohistochemistry for the detection of cardiotin (Dispersyn et al., 2002; PMID: 12042006 and Ausma et al. 2001; PMID: 11735256).
Antibody First Published in: Schaart et al. Characterization of cardiotin, a structural component in the myocard Eur J Cell Biol. 1993 Oct;62(1):34-48. PMID:8269977
Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

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procedures for humans or animals.

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