Datasheet for ABIN1534170

anti-PRKAG2 antibody (AA 1-50)

Overview

Quantity: 100 μg
Target: PRKAG2
Binding Specificity: AA 1-50
Reactivity: Human, Mouse
Host: Rabbit
Clonality: Polyclonal
Application: Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen: The antiserum was produced against synthesized peptide derived from human PRKAG2.
Isotype: IgG
Specificity: PRKAG2 Antibody detects endogenous levels of total PRKAG2 protein.
Purification: The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity: > 95 %

Target Details

Target: PRKAG2
Alternative Name: PRKAG2 (PRKAG2 Products)
Background: Synonyms: 5′-AMP-activated protein kinase subunit gamma-2, AAKG2, AMPK gamma-2 chain, AMPK gamma2, H91620p,
Target Details

NCBI Gene Symbol: PRKAG2

Molecular Weight: 63 kDa

Gene ID: 51422

OMIM: 602743

UniProt: Q9UGJ0


Application Details

Application Notes: IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:20000

Comment: Unigene-Number: Hs.647072 (NCBI Gene Symbol: PRKAG2)

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: phosphate buffered saline (without Mg2+ and Ca2+), 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 heart tissue, using PRKAG2 Antibody. The picture on the right is treated with the synthesized peptide.

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**Immunofluorescence**

**Image 2.** Immunofluorescence analysis of A549 cells, using PRKAG2 Antibody. The picture on the right is treated with the synthesized peptide.