

CaMKII (oxidized) antibody

Cat. No. GTX36254

宿主	Rabbit
克隆	Polyclonal
同种型	IgG
实验应用	WB, ICC/IF, IHC-P, IHC-Fr, PLA
种属反应	Human, Mouse, Rat

引用文献 (31)

实验应用

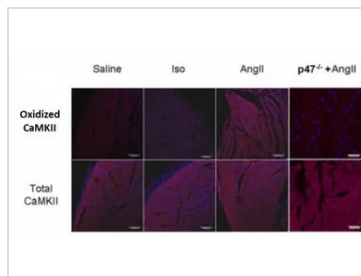
应用说明

For WB, use at a dilution of 1:1,000, For IF, use at a dilution of 1:50 with paraffin-embedded sections and 1:100 with frozen sections.

属性

形式	Liquid
存储溶液	Serum
保存剂	0.05% Sodium azide
存放说明	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
浓度	Batch dependent (Please refer to the vial label for the specific concentration.)
偶联	Unconjugated
RRID	AB_2887751
注意事项	仅供实验室使用。不适用于人类或动物的任何临床、治疗或诊断用途。不适合动物或人类食用。

产品图片

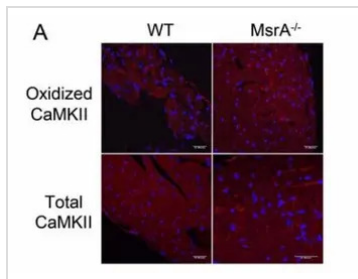


GTX36254 IHC-P Image

Immunofluorescent staining of heart sections from mice treated with saline, AngII, or Isoproterenol and probed for oxidized or total CaMKII. Red staining is positive for oxidized or total CaMKII, and blue staining is positive for nuclei. Mice lacking a critical subunit of NADPH oxidase (p47^{-/-}) did not show increased levels of oxidized CaMKII in response to AngII.

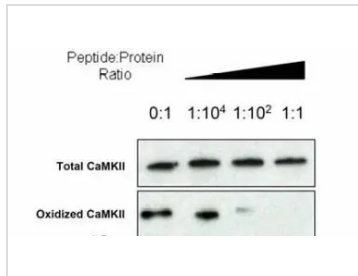


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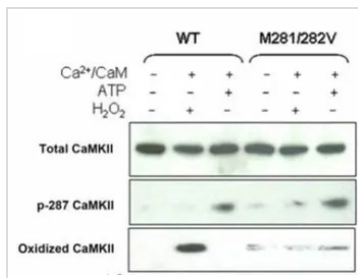
GTx36254 IHC-P Image

Immunofluorescent staining of heart sections from WT and MsrA^{-/-} mice (a model of heart disease) treated with AngII and probed for oxidized (GTx36254) or total CaMKII and blue staining for nuclei.



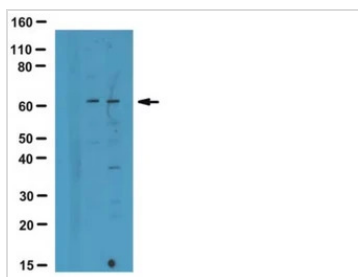
GTx36254 WB Image

Immunoblot of oxidized WT CaMKII probed with antiserum against oxidized M281/282 with increasing ratios of oxidized peptide.



GTx36254 WB Image

Immunoblot of WT CaMKII and M281/282V mutant after no treatment, oxidation, or autophosphorylation probed with antibodies against total, autophosphorylated, or oxidized M281/282 CaMKII (GTx36254).



GTx36254 WB Image

WB analysis of various sample lysates using GTx36254 CaMKII (oxidized) antibody.

Lane 1 : Recombinant CaMKII

Lane 2 : Untreated mouse heart cell lysates

Lane 3 : H₂O₂-treated mouse heart cell lysates

Dilution : 1:1000



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