

CaMKII β Rabbit mAb (AR1265)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IF, ELISA
Isotype:	IgG, Kappa
MW:	60kD (Calculated) 54kD, 60kD (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage -15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	CAMK2B CAM2 CAMK2 CAMKB
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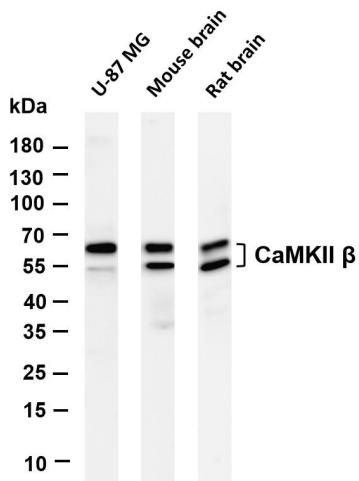
Protein Name	Calcium/calmodulin-dependent protein kinase type II subunit beta (CaM kinase II subunit beta) (CaMK-II subunit beta) (EC 2.7.11.17)
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Organism	Gene ID	UniProt ID
Human	816	Q13554
Mouse		P28652
Rat		P08413

Cellular Localization	Cytoplasm
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Tissue specificity	Widely expressed. Expressed in adult and fetal brain. Expression is slightly lower in fetal brain. Expressed in skeletal muscle.
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Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CaMKII β antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane1: U-87 MG

Lane 2: Mouse brain

Lane 3: Rat brain

Predicted band size: 60kDa

Observed band size: 54, 60kDa

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