

Product datasheet for **TA313551**

CAMK2B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500~1:3000, IHC: 1:50~1:100, ELISA: 1:1000
Reactivity:	Human, Mouse, Rat
Modifications:	Phospho-specific
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against synthesized phosphopeptide derived from human CaMK2- β /d around the phosphorylation site of threonine 287 (Q-E-TP-V-E).
Formulation:	Phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	calcium/calmodulin dependent protein kinase II beta
Database Link:	NP_742081 Entrez Gene 12323 Mouse Entrez Gene 24245 Rat Entrez Gene 816 Human Q13554
Synonyms:	CAM2; CAMK2; CAMKB
Note:	CaMK2- β (Phospho-Thr287) antibody detects endogenous levels of CaMK2- β only when phosphorylated at threonine 287.
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways:

Calcium signaling pathway, ErbB signaling pathway, Glioma, GnRH signaling pathway, Long-term potentiation, Melanogenesis, Neurotrophin signaling pathway, Olfactory transduction, Oocyte meiosis, Wnt signaling pathway