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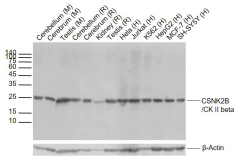
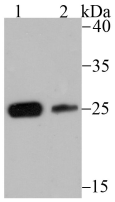
CSNK2B/CK II beta Recombinant Rabbit mAb

Catalog Number:	bsm-54217R
Target Protein:	CSNK2B/CK II beta
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Recombinant
Clone No.:	2C9
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:50-100), IHC-F (1:400-800), IF (1:100-500)
Reactivity:	Human, Mouse, Rat
Predicted MW:	25 kDa
Entrez Gene:	1460
Swiss Prot:	P67870
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Background:	This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. [provided by RefSeq, Jul 2008].

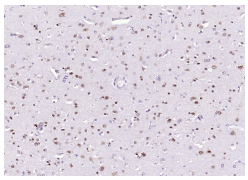
VALIDATION IMAGES



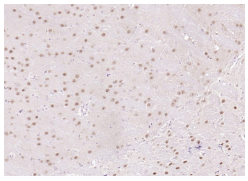
Sample: Lane 1: Mouse Cerebellum tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Mouse Testis tissue lysates Lane 4: Rat Cerebellum tissue lysates Lane 5: Rat Cerebrum tissue lysates Lane 6: Rat Kidney tissue lysates Lane 7: Rat Testis tissue lysates Lane 8: Human Hela cell lysates Lane 9: Human Jurkat cell lysates Lane 10: Human K562 cell lysates Lane 11: Human HepG2 cell lysates Lane 12: Human MCF-7 cell lysates Lane 13: Human SH-SY5Y cell lysates Primary: Anti-CSNK2B/CK II beta (bsm-54217R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kDa Observed band size: 25 kDa



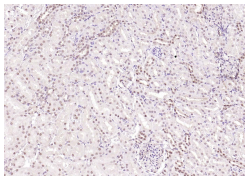
Sample: Lane 1: SH-SY5Y cell lysate Lane 2: 293 cell lysatee Primary: Anti-SNK2B/CK II beta (bsm-54217R) at 1:500 dilution Secondary: Goat Anti-Rabbit IgG - HRP at 1:5000 dilution Predicted band size: 25 kD Observed band size: 25 kD



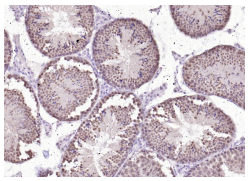
Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSNK2B CK II beta) Monoclonal Antibody, Unconjugated (bsm-54217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSNK2B CK II beta) Monoclonal Antibody, Unconjugated (bsm-54217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSNK2B CK II beta) Monoclonal Antibody, Unconjugated (bsm-54217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CSNK2B CK II beta) Monoclonal Antibody, Unconjugated (bsm-54217R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.