

Product Datasheet

PKC iota [p Thr563, p Thr555] Antibody NSB968

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NSB968**PKC iota [p Thr563, p Thr555] Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Purity	Immunogen affinity purified
Buffer	Dulbecco's PBS (pH 7.3), 1.0 mg/ml and 50% Glycerol
Product Description	
Host	Rabbit
Gene ID	5584
Gene Symbol	PRKCI
Species	Human, Mouse
Reactivity Notes	Cross-reacts with Human and Mouse PKC iota; and human PKC lambda. Not yet tested in other species.
Specificity/Sensitivity	This reacts with PKC lambda immunoprecipitates, indicating cross-reactivity for PKC lambda [pT563]. PKC zeta [pT560] (83% homologous) has been shown to cross-react by peptide competition. Peptide competition also suggests that this may partially cross-react with PKC beta-I [pS642] (58% homologous) and PKC gamma [pT655] (42% homologous).
Immunogen	Synthetic phosphopeptide derived from a region of human PKC iota that contains threonine 555.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot
Application Notes	This antibody can be used in Western Blot where a 76 kDa band is seen. Recommended Starting Dilutions*: WB: 1/1000 *Optimal dilutions should be determined by the end user.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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