

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human/mouse PKCθ.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human PKCθ His580-Ser706 Accession # Q04759
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PKCθ (PRKCQ) is a calcium-independent phospholipid-dependent serine and threonine kinase that belongs to the novel PKC subfamily. PKCθ plays a critical role in several aspects of T cell biology. PKCθ knock out mice develop autoimmune disease. PKCθ functions through the activation of NFκB and AP1 transcription factors.

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