PKC alpha (Phospho-T638) Conjugated Antibody

Catalog No: #C13428

Package Size: #C13428-AF350 100ul #C13428-AF405 100ul #C13428-AF488 100ul #C13428-AF555 100ul #C13428-AF594 100ul #C13428-AF647 100ul #C13428-AF680 100ul #C13428-AF750 100ul #C13428-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PKC alpha (Phospho-T638) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	5"-deoxyribose-5-phosphate lyase Ku70 antibody 5"-dRP lyase Ku70 antibody 70 kDa subunit of Ku antigen antibody ATP dependent DNA helicase 2 subunit 1 antibody ATP dependent DNA helicase II 70 kDa subunit antibody ATP-dependent DNA helicase 2 subunit 1 antibody ATP-dependent DNA helicase II 70 kDa subunit antibody CTC box binding factor 75 kDa subunit antibody CTC box-binding factor 75 kDa subunit antibody CTC75 antibody CTCBF antibody DNA repair protein XRCC6 antibody G22P1 antibody Ku 70 antibody Ku autoantigen p70 subunit antibody Ku autoantigen, 70kDa antibody Ku p70 antibody Ku70 antibody Ku70 DNA binding component of DNA-dependent proteinkinase complex (thyroid autoantigen 70 kDa antibody Kup70 antibody Lupus Ku autoantigen protein p70 antibody ML8 antibody Thyroid autoantigen 70kD (Ku antigen) antibody Thyroid autoantigen antibody Thyroid lupus autoantigen antibody Thyroid lupus autoantigen p70 antibody Thyroid-lupus autoantigen antibody TLAA antibody X ray repair complementing defective repair in Chinese hamster cells 6 antibody X-ray repair complementing defective repair in Chinese hamster cells 6 antibody X-ray repair cross-complementing protein 6 antibody XRCC 6 antibody Xrcc6 antibody XRCC6_HUMAN antibody
Accession No.	Swiss-Prot#:P12956
Uniprot	P12956
GeneID	2547;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	70
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The Ku protein is localized in the nucleus and is composed of subunits referred to as Ku-70 (p70) and Ku-86 (p86) which is also known by the synonym Ku-80 or (p80). Ku was first described as an autoantigen to which antibodies were produced in a patient with scleroderma polymyositis overlap syndrome, and was later found in the sera of patients with other rheumatic diseases. Both subunits of the Ku protein have been cloned, and a number of functions have been proposed for Ku, including cell signaling, DNA replication and transcriptional activation. Ku is involved in Pol II-directed transcription by virtue of its DNA binding activity, serving as the regulatory component of the DNA-associated protein kinase that phosphorylates Pol II and transcription factor Sp. Ku proteins also activate transcription from the U1 small nuclear RNA and the human transferrin receptor gene promoters. A Ku-related protein designated the enhancer 1 binding factor (E1BF), composed of two subunits, has been identified as a positive regulator of RNA polymerase I transcription initiation.

Note: This product is for in vitro research use only