

For Research Use Only

CoraLite® Plus 555-conjugated 14-3-3 Polyclonal antibody



Catalog Number: CL555-14503

Featured Product

Basic Information

Catalog Number: CL555-14503	GenBank Accession Number: BC056867	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1 mg/mL by Nanodrop;	GeneID (NCBI): 10971	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Source: Rabbit	Full Name: tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide	
Isotype: IgG	Calculated MW: 28 kDa	
Immunogen Catalog Number: AG5959	Observed MW: 31 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

14-3-3 proteins are the first phosphoserine/phosphothreonine-binding proteins to be discovered. 14-3-3 family members interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and hetero-dimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

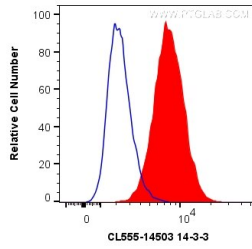
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ NIH/3T3 cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human 14-3-3 (CL555-14503) (red), or 0.2 ug CoraLite® Plus 555 Rabbit IgG Control Antibody (CL555-30000) (Blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).