

Anti-Coilin Antibody (1B55)

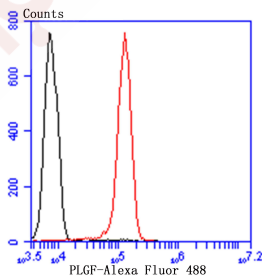
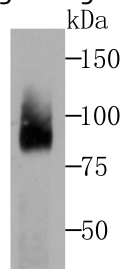
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 63 kDa.
Clone:	1B55
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of Coilin on rat kidney tissue lysates using anti-Coilin at 1/500 dilution.
2. Flow cytometric analysis of Jurkat cells with Coilin antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



Application:	FCM,WB
Recommended	WB: 1:500-2000; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein
Uniprot ID: P38432
Synonyms: p80;CLN 80;Coilin p80;COIL;P80 coilin;Coilin;CLN80;COIL_HUMAN

Research Background

Coilin protein is one of the main molecular components of Cajal bodies (CBs). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. In addition to its structural role, coilin acts as glue to connect the CB to the nucleolus. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome and chromosome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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