Recombinant WSTF Monoclonal Antibody

catalog number: **AN301948L**

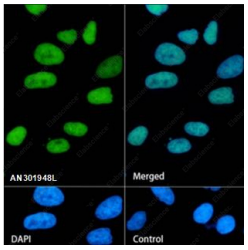
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human WSTF
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111569
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:20000
IHC-P	1:200-1:500
ICC	1:50
FCM	1:20-1:50

Data



Immunofluorescence analysis of HeLa cells using WSTF Antibody(AN301948L. Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	Ice bag

Background

The human WSTF gene is located within the common Williams Syndrome (WS) deletion area at chromosome 7q11.23. Several WSTF gene products have been detected with little difference in length of polypeptides. Functional motifs identified by sequence-homology searches include a PHD-type zinc finger motif followed by a bromodomain. Both motifs are found in many transcription factors, suggesting that WSTF may function as a transcription factor. A Drosophila gene (acf1) was cloned, which encodes two forms of Acf1 proteins with molecular weight 170 kDa and 185 kDa, respectively. It was demonstrated that Acf1 is structurally related to the human WSTF gene. Acf1 forms a complex with another protein, ISWI, and functions in the ATP-dependent catalysis of chromatin assembly.

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