

p50 Dynamitin Antibody

Cat.#: AF0232
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 50kDa
Clonality: Polyclonal

Application: WB: 1:500-1:3000, IF/ICC 1:100-1:500, ELISA(peptide)
1:20000-1:40000

Reactivity: Human,Mouse,Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

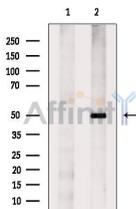
Specificity: p50 Dynamitin Antibody detects endogenous levels of total p50 Dynamitin.

Immunogen: A synthesized peptide derived from human p50 Dynamitin, corresponding to a region within C-terminal amino acids.

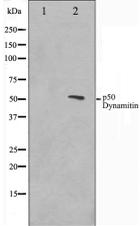
Uniprot: Q13561

Description: dynactin 2 Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development. Belongs to the dynactin subunit 2 family. Subunit of dynactin, a multiprotein complex associated with dynein. Interacts with BICD2 and CEP135. Interacts with MAPRE1.

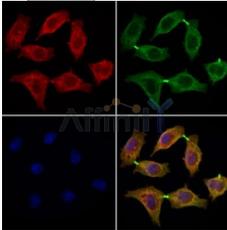
Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells, using p50 Dynamitin Antibody. The lane on the left was treated with blocking peptide.



Western blot analysis on A549 cell lysates using p50 Dynamitin Antibody. The lane on the left was treated with the antigen-specific peptide.



AF0232 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF0232 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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