

Nur für Forschungszwecke

Dynamitin (1-401 AA) Polyklonaler Antikörper



Katalog-Nr.:11361-1-AP

Allgemeine Informationen

Katalog-Nr.: 11361-1-AP	GenBank-Zugangsnummer: BC014083	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 300 µg/ml von Nanodrop und 167 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10540	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: dynactin 2 (p50)	
Isotyp: IgG	Berechnete Masse: 401 aa, 44 kDa	
Immunogen Katalognummer: AG1902	Beobachtete Masse: 50 kDa	

Anwendungen

Geprüfte Anwendungen: FC, WB, ELISA	Positivkontrollen: WB : A375-Zellen, Maushirngewebe, Maushodengewebe, MCF-7-Zellen, SH-SY5Y-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Dynamitin is a 50 kDa protein containing a calmodulin binding domain, a putative ATPase domain and MacMARCKS-binding domain. This protein is a part of the dynactin complex believed to link the dynactin complex to membrane compartments. Its functions are tightly associated with dynein motor protein, thus extend to vesicle trafficking and membrane integrity. Dynamitin was named so because its overexpression causes dynactin complex which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is for MacMARCKS binding and residues 59-83aa is responsible for calmodulin binding. This antibody is against the full length p50 dynamitin.

Lagerung

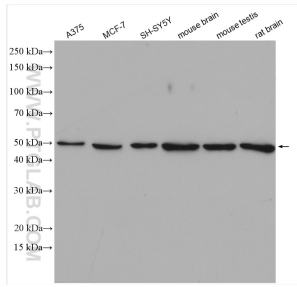
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

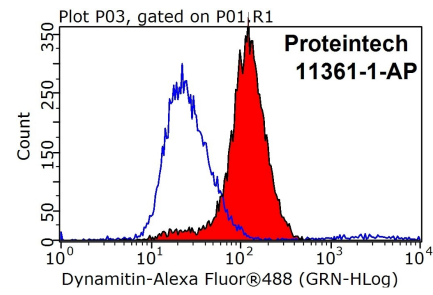
For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 11361-1-AP (Dynamin (1-401 AA) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were stained with 1 μ g Dynamin antibody (11361-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.