

Nur für Forschungszwecke

MNT Polyklonaler Antikörper

Katalog-Nr.: 23742-1-AP



Allgemeine Informationen

Katalog-Nr.: 23742-1-AP	GenBank-Zugangsnummer: BC117563	Reinigungsmethode: Antigen-affinitätsgereinigt
Größe: 150ul, Konzentration: 650 µg/ml von Nanodrop und 313 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 4335	Empfohlene Verdünnungen: WB 1:500-1:1000 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: MAX binding protein	
Isotyp: IgG	Berechnete Masse: 582 aa, 62 kDa	
Immunogen Katalognummer: AG20666	Beobachtete Masse: 70 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB: HeLa-Zellen, IF: HeLa-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

Mnt (Max binding protein), also known as MAD6, ROX, bHLHd3 (class D basic helix-loop-helix protein 3) or MXD6, is a 582 amino acid nuclear protein that forms a complex with Max (Myc-associated factor X) to repress transcription. Mnt contains one basic helix-loop-helix (bHLH) domain and is encoded by a gene that maps to human chromosome 17p13.3. Chromosome 17 comprises over 2.5% of the human genome and encodes over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Like p53, BRCA1 is directly involved in DNA repair, though specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.

Lagerung

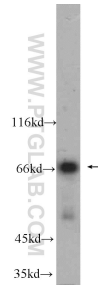
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

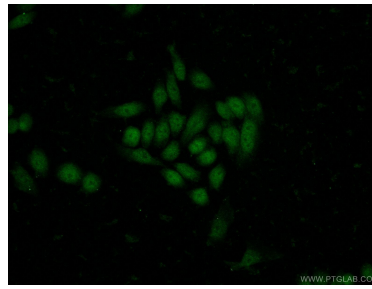
For technical support and original validation data for this product please contact:
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Ausgewählte Validierungsdaten



HeLa cells were subjected to SDS PAGE followed by western blot with 23742-1-AP (MNT antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 23742-1-AP (MNT antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).