

Rabbit anti-Human MNT Polyclonal Antibody | anti-MNT antibody

Rabbit anti-MNT Antibody, Affinity Purified

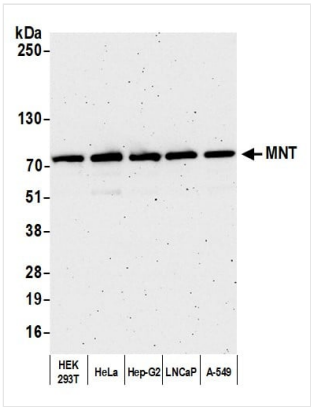
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212241	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MNT; Polyclonal Antibody; Rabbit anti-MNT Antibody; Affinity Purified; ROX; class D basic helix-loop-helix protein 3; MAD6; MAX binding protein; max-binding protein MNT; Max-interacting protein; MAX dimerization protein; MXD6; myc antagonist MNT; Protein ROX; bHLHd3; Max-binding protein MNT; MAX network transcriptional repressor; anti-MNT antibody

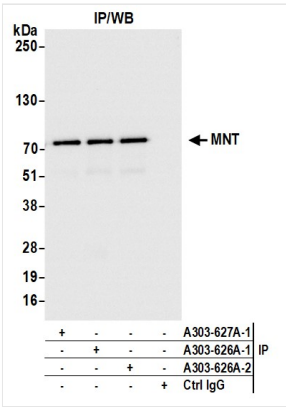
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MNT antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Mouse
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)

Detection of human MNT by western blot. Samples: Whole cell lysate (10 ug) from HEK293T, HeLa, Hep-G2, LNCaP, and A-549 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MNT antibody (AAA212241 lot 2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MNT by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Hep-G2 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MNT antibody (AAA212241 lot 2) used for IP at 6 ug per reaction. MNT was also immunoprecipitated by a previous lot of this antibody (AAA212241 lot 1) and another antibody against a different epitope of MNT . For blotting immunoprecipitated MNT, AAA212241 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-MNT antibody	Max-binding protein MNT binds DNA as a heterodimer with MAX and represses transcription. MNT binds to the canonical E box sequence 5'-CACGTG-3' and, with higher affinity, to 5'-CACGCG-3' [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q99583].
Product Categories/Family for anti-MNT antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	9945318
NCBI GeneID	4335
NCBI Accession #	NP_064706.1
NCBI GenBank Nucleotide #	NM_020310.2
UniProt Accession #	Q99583; Q1ED38; A8K6D1; D3DTI7
Molecular Weight	62,300 Da
NCBI Official Full Name	max-binding protein MNT
NCBI Official Synonym Full Names	MNT, MAX dimerization protein
NCBI Official Symbol	MNT
NCBI Official Synonym Symbols	ROX; MAD6; MXD6; bHLHd3
NCBI Protein Information	max-binding protein MNT; myc antagonist MNT; MAX binding protein; Max-interacting protein; class D basic helix-loop-helix protein 3
UniProt Protein Name	Max-binding protein MNT
UniProt Gene Name	MNT
UniProt Synonym Gene Names	BHLHD3; ROX; bHLHd3
UniProt Entry Name	MNT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mnt-antibody-immunoprecipitation-western-blot-elisa/212241>