

Rabbit MTBP Polyclonal Antibody | anti-MTBP antibody

MTBP Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288883	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

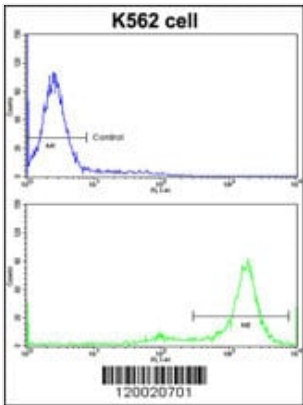
PRODUCT SYNONYMS

MTBP; Polyclonal Antibody; MTBP Antibody (C-term); Mdm2-binding protein; hMTBP; anti-MTBP antibody

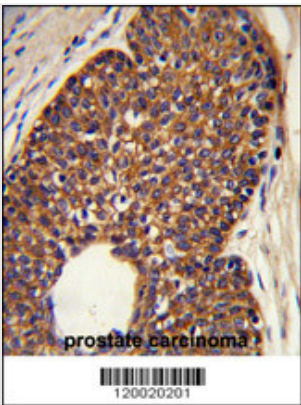
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MTBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 853-881 amino acids from the C-terminal region of human MTBP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	853-881
Sequence Length	329
Applicable Applications for anti-MTBP antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

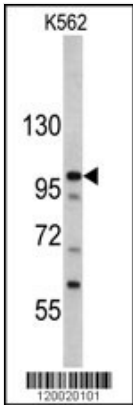
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using MTBP Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram) FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with MTBP Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of MTBP antibody (C-term) in K562 cell line lysates (35ug/lane). MTBP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MTBP antibody	MTBP inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells. The protein may play a role in MDM2-dependent TP53/p53 homeostasis in unstressed cells. The protein inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of TP53/p53 and its subsequent degradation.
Product Categories/Family for anti-MTBP antibody	Cancer; Cell biology
References	Brady,M., Mol. Cell. Biol. 25 (2), 545-553 (2005) Boyd,M.T., J. Biol. Chem. 275 (41), 31883-31890 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21630257
NCBI GeneID	27085
NCBI Accession #	NP_071328.2
NCBI GenBank Nucleotide #	NM_022045.4
UniProt Accession #	Q96DY7; Q9HA89; B4DUR5

Molecular Weight	102193
NCBI Official Full Name	mdm2-binding protein
NCBI Official Synonym Full Names	MDM2 binding protein
NCBI Official Symbol	MTBP
NCBI Official Synonym Symbols	MDM2BP
NCBI Protein Information	mdm2-binding protein
UniProt Protein Name	Mdm2-binding protein
UniProt Gene Name	MTBP
UniProt Synonym Gene Names	hMTBP
UniProt Entry Name	MTBP_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/mtbp-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288883>