

Mouse anti-Human HTATIP2 Monoclonal Antibody | anti-HTATIP2 antibody

HTATIP2 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48260	Mouse	Human	Immunofluorescence, Immunocytochemistry, Flow Cytometry, Functional Assay, Western Blot, ELISA

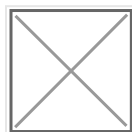
PRODUCT SYNONYMS

HTATIP2; Monoclonal Antibody; HTATIP2 antibody; Oxidoreductase HTATP2; CC3; TIP30; SDR44u1; HTATIP 2; HTATIP-2; CC-3; TIP 30; TIP-30; anti-HTATIP2 antibody

PRODUCT SPECIFICATIONS

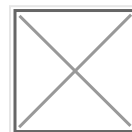
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	AT5D6
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	242
Applicable Applications for anti-HTATIP2 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human HTATIP2 (1-242aa) purified from E. coli
Clone Note	Anti-human HTATIP2 mAb, clone AT5D6, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human HTATIP2 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of HTATIP2 in A549 cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HTATIP2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green). ICC/IF analysis of HTATIP2 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human HTATIP2 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

The cell lysate (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human HTATIP2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : HeLa cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-HTATIP2 antibody	HTATIP2, also known as TIP30, is a member of the short-chain dehydrogenases/reductases (SDR) family. It acts as a tumor suppressor participating in metabolic suppression, inhibition of angiogenesis and induces the expression of apoptosis related genes Bad and Siva. HTATIP2 interacts with the activation domain of HIV-1 TAT and enhances its transcription by phosphorylating RNA polymerase II (Pol II). Defects in This protein are associated with hepatocellular carcinomas and apoptotic resistant tumor cells, suggesting a potential use for HTATIP2 in antitumor therapy.
Product Categories/Family for anti-HTATIP2 antibody	Apoptosis
References	Shtivelman E., et al. (1997) Oncogene. 14 (18): 2167-73. ; Xiao H., et al. (1998) Proc Natl Acad Sci u S A. 95 (5): 2146-2151.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15929874
NCBI GeneID	10553
Molecular Weight	30,131 Da
NCBI Official Full Name	HTATIP2 protein
NCBI Official Synonym Full Names	HIV-1 Tat interactive protein 2
NCBI Official Symbol	HTATIP2
NCBI Official Synonym Symbols	CC3; TIP30; SDR44U1
NCBI Protein Information	oxidoreductase HTATIP2
UniProt Protein Name	Oxidoreductase HTATIP2
UniProt Gene Name	HTATIP2

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/monoclonal/htatip2-antibody-clone-at5d6-immunofluorescence-immunocytochemistry-flow-cytometry-western-blot-elisa/48260>