

Rabbit MTUS1 Polyclonal Antibody | anti-MTUS1 antibody

MTUS1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23518	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

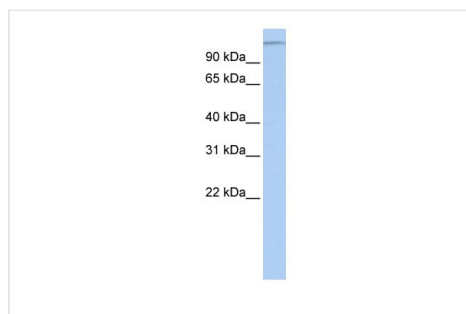
PRODUCT SYNONYMS

MTUS1; Polyclonal Antibody; MTUS1 antibody - middle region; anti-MTUS1 antibody

PRODUCT SPECIFICATIONS

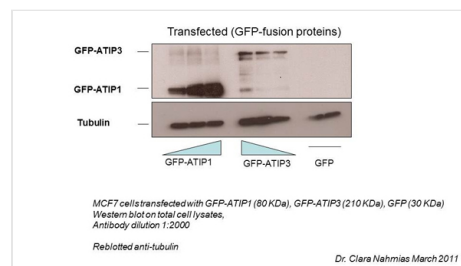
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KR LSMENEELLW KLHNGDLCSP KRSPTSSAIP LQSPRNSGSF PPSISPR
Sequence Length	1270
Applicable Applications for anti-MTUS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human MTUS1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



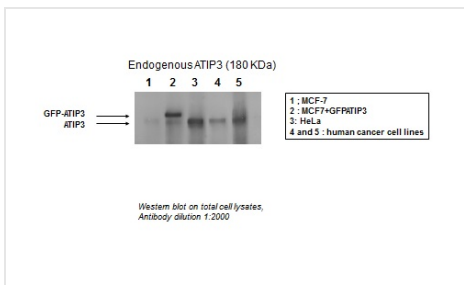
WB (Western Blot)

WB Suggested Anti-MTUS1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:1562500
 Positive Control: HeLa cell lysate
 MTUS1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells



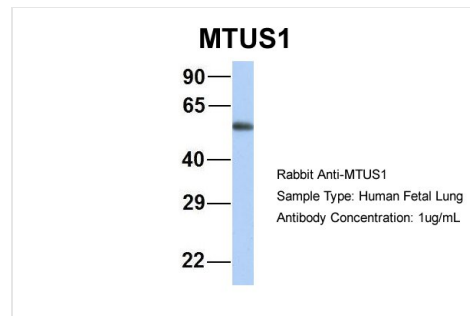
WB (Western Blot)

MTUS1 antibody - middle region validated by WB using MCF-7, HeLa, and human cancer cell lines at 1:2000.



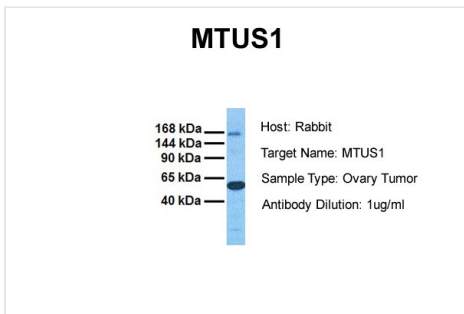
WB (Western Blot)

MTUS1 antibody - middle region validated by WB using MCF-7, HeLa, and human cancer cell lines at 1:2000.



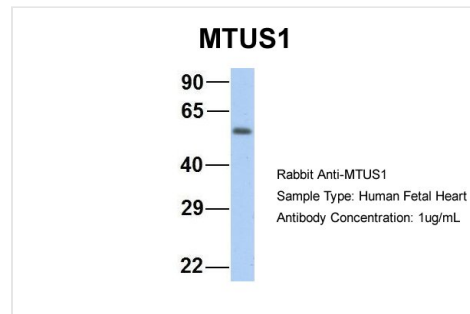
WB (Western Blot)

Host: RabbitTarget Name: NSUN6Sample Type: Human Fetal LungAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: MTUS1Sample Tissue: Human Ovary TumorAntibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: GNASSample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MTUS1 antibody

This is a rabbit polyclonal antibody against MTUS1. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: MTUS1 contains a C-terminal domain and is able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. One of the isoforms has been shown to be a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other isoforms may be nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways. This gene encodes a protein which contains a C-terminal domain able to interact with the angiotension II (AT2) receptor and a large coiled-coil region allowing dimerization. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the transcript variants has been shown to encode a mitochondrial protein that acts as a tumor suppressor and participates in AT2 signaling pathways. Other variants may encode nuclear or transmembrane proteins but it has not been determined whether they also participate in AT2 signaling pathways.

Product Categories/Family for anti-MTUS1 antibody

Polyclonal; Chromatin & Nuclear Signaling; Signal Transduction; Various; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	50348611
NCBI GeneID	57509
NCBI Accession #	NP_001001924
NCBI GenBank Nucleotide #	NM_001001924
UniProt Accession #	Q9ULD2
Molecular Weight	141kDa
NCBI Official Full Name	microtubule-associated tumor suppressor 1 isoform 1

NCBI Official Synonym Full Names	microtubule associated scaffold protein 1
NCBI Official Symbol	MTUS1
NCBI Official Synonym Symbols	ATBP; ATIP; ICIS; MP44; ATIP3; MTSG1
NCBI Protein Information	microtubule-associated tumor suppressor 1
UniProt Protein Name	Microtubule-associated tumor suppressor 1
UniProt Gene Name	MTUS1
UniProt Synonym Gene Names	ATBP; ATIP; GK1; KIAA1288; MTSG1

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://www.aaabiotech.com/polyclonal/mtus1-antibody-immunohistochemistry-western-blot-elisa/23518>