

Rabbit anti-Human, Rat Mitochondrial Tumor Suppressor 1 Polyclonal Antibody | anti-MTUS1 antibody

Mitochondrial Tumor Suppressor 1 (MTUS1) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145131	Rabbit	Human, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Mitochondrial Tumor Suppressor 1; Polyclonal Antibody; Mitochondrial Tumor Suppressor 1 (MTUS1) Polyclonal Antibody; ATIP; MP44; MTSG1; ATIP1; ATBP; Microtubule Associated Tumor Suppressor 1; AT2 Receptor-Interacting Protein; Angiotensin-II type 2 receptor-interacting protein; anti-MTUS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against MTUS1. It has been selected for its ability to recognize MTUS1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	1270
Applicable Applications for anti-MTUS1 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Human, Rat
Organism Species	Human
Fragment	MTUS1 (Leu1018~Arg1270)
Quality Control	Content: The quality control contains recombinant MTUS1 (Leu1018~Arg1270) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Pancreas Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue.



WB (Western Blot)
Western Blot: Sample: Recombinant MTUS1, Human.



WB (Western Blot)
Western Blot: Sample: Rat Brain Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50348611
NCBI GeneID	57509
NCBI Accession #	NP_001001924.1
NCBI GenBank Nucleotide #	NM_001001924.2
UniProt Accession #	Q9ULD2; Q63HJ6; Q659F4; Q6PK49; Q6URW7; Q8N4M6; A8K135; B2RBJ6; B3KWJ9; B4DH03; B9EGA1; D3DSP8
Molecular Weight	48,050 Da
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.