

Rabbit anti-Human MICU1 Polyclonal Antibody | anti-MICU1 antibody

MICU1 Antibody

CATALOG # AAA310427	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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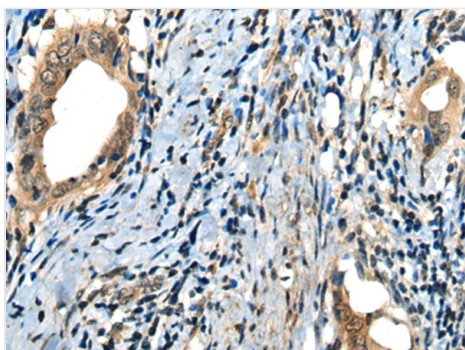
PRODUCT SYNONYMS

MICU1; Polyclonal Antibody; MICU1 Antibody; CALC; EFHA3; MPXPS; CBARA1; anti-MICU1 antibody

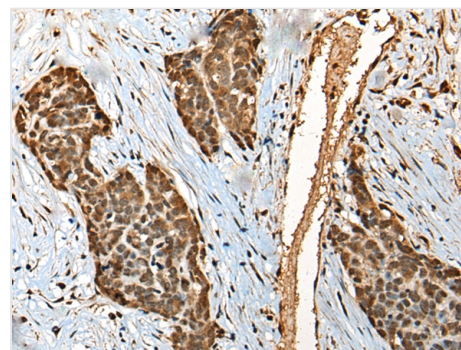
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total MICU1 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.9mg/ml (varies by lot)
Sequence Length	2400
Applicable Applications for anti-MICU1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human MICU1
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

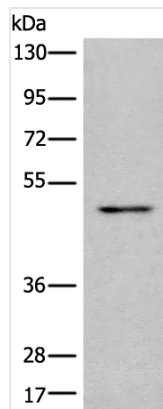
IMAGES


IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 46612(MICU1 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x200)


IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46612(MICU1 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg/Lane: HUVEC cell lysate, Primary antibody: 46612E MICU1 Antibody) at dilution 1/350 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-MICU1 antibody	This gene encodes an essential regulator of mitochondrial Ca ²⁺ uptake under basal conditions. The encoded protein interacts with the mitochondrial calcium uniporter, a mitochondrial inner membrane Ca ²⁺ channel, and is essential in preventing mitochondrial Ca ²⁺ overload, which can cause excessive production of reactive oxygen species and cell stress. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-MICU1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	33869808
NCBI GeneID	10367
UniProt Accession #	Q9BPX6; O75785; Q9H9N6; Q9UFX0; A8MV96; B3KN20; B4DJH9; B4DPI1; B5MBY3; D3YTJ3
Molecular Weight	54 kDa
NCBI Official Full Name	Homo sapiens calcium binding atopy-related autoantigen 1, mRNA
NCBI Official Synonym Full Names	mitochondrial calcium uptake 1
NCBI Official Symbol	MICU1
NCBI Official Synonym Symbols	CALC; EFHA3; MPXPS; CBARA1
NCBI Protein Information	calcium uptake protein 1, mitochondrial
UniProt Protein Name	Calcium uptake protein 1, mitochondrial
UniProt Gene Name	MICU1
UniProt Synonym Gene Names	; ara CALC

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/polyclonal/micu1-antibody-immunohistochemistry-western-blot-elisa/310427>