

Rabbit anti-Human MICU2 Polyclonal Antibody | anti-MICU2 antibody

MICU2 Antibody

CATALOG # AAA233734	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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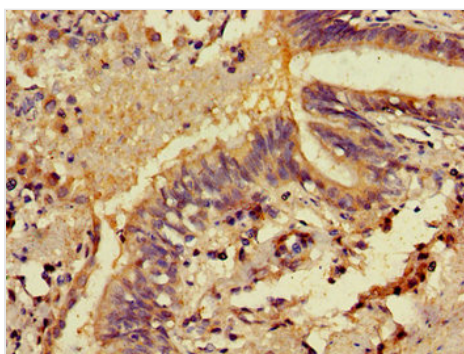
PRODUCT SYNONYMS

MICU2; Polyclonal Antibody; MICU2 Antibody; Calcium uptake protein 2; mitochondrial; EF-hand domain-containing family member A1; EFHA1; anti-MICU2 antibody

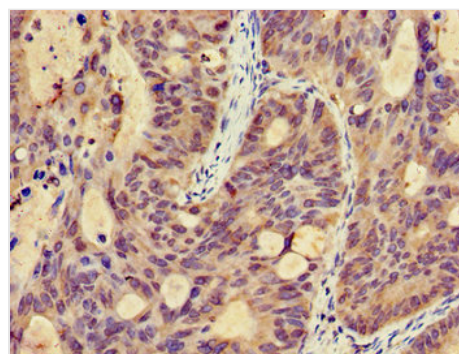
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	434
Applicable Applications for anti-MICU2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Calcium uptake protein 2, mitochondrial protein (26-247AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA233734 at dilution of 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233734 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MICU2 antibody	Key regulator of mitochondrial calcium uniporter (MCU) required to limit calcium uptake by MCU when cytoplasmic calcium is low (PubMed:24503055, PubMed:24560927, PubMed:26903221). MICU1 and MICU2 form a disulfide-linked heterodimer that stimulate and inhibit MCU activity, depending on the concentration of calcium (PubMed:24560927). MICU2 acts as a gatekeeper of MCU that senses calcium level via its EF-hand domains: prevents channel opening at resting calcium, avoiding energy dissipation and cell-death triggering (PubMed:24560927).
Product Categories/Family for anti-MICU2 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749443
NCBI GeneID	221154
NCBI Accession #	NP_689939.1
NCBI GenBank Nucleotide #	NM_152726.2
UniProt Accession #	Q8IYU8; Q8N0T6; Q8NAX8
Molecular Weight	49,666 Da
NCBI Official Full Name	calcium uptake protein 2, mitochondrial
NCBI Official Synonym Full Names	mitochondrial calcium uptake 2
NCBI Official Symbol	MICU2
NCBI Official Synonym Symbols	EFHA1; 1110008L20Rik
NCBI Protein Information	calcium uptake protein 2, mitochondrial
UniProt Protein Name	Calcium uptake protein 2, mitochondrial
UniProt Gene Name	MICU2
UniProt Synonym Gene Names	EFHA1

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/micu2-antibody-immunohistochemistry-elisa/233734>