

Rabbit MT-ND5 Polyclonal Antibody | anti-MT-ND5 antibody

MT-ND5 Rabbit pAb

CATALOG # AAA281885	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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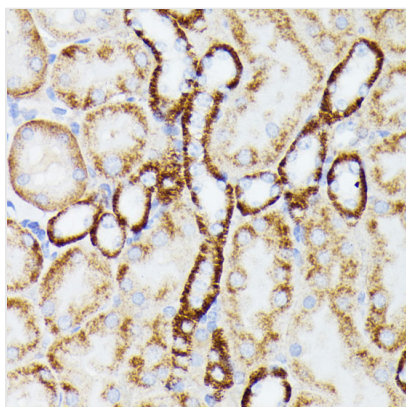
PRODUCT SYNONYMS

MT-ND5; Polyclonal Antibody; MT-ND5 Rabbit pAb; MTND5; anti-MT-ND5 antibody

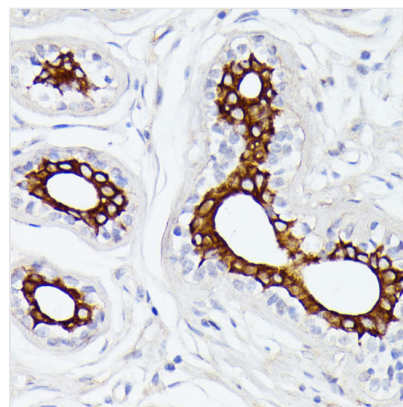
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	LTNKLKMKSP LCTFYFSNML GFYPTITHRT IPYLGLLTSQ NLPLLLLDLT WLEKLLPKTI SQHQISTSII TSTQKGMIKL YFLSFFFPLI LTLLIT
Applicable Applications for anti-MT-ND5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 510 to the C-terminus of human MT-ND5 (BAG14520.1).
Positive Samples	HepG2, Mouse heart
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

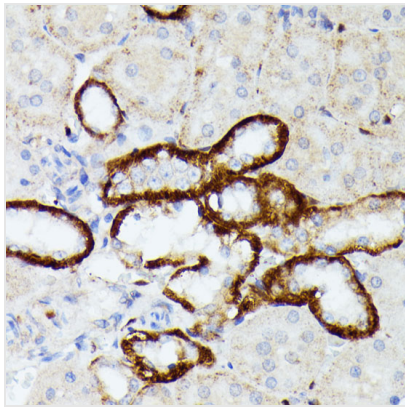
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using MT-ND5 antibody at dilution of 1:100 (40x lens).

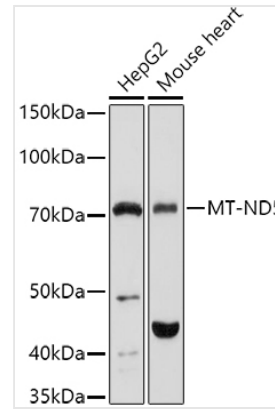

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using MT-ND5 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using MT-ND5 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MT-ND5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MT-ND5 antibody

[Endocrine & Metabolism](#); [Mitochondrial metabolism](#); [Mitochondrial markers](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	251831117
NCBI GeneID	4540
NCBI Accession #	YP_003024036.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P03915; Q34773; Q8WCY3
Molecular Weight	67,027 Da
NCBI Official Full Name	NADH dehydrogenase subunit 5
NCBI Official Synonym Full Names	mitochondrially encoded NADH dehydrogenase 5
NCBI Official Symbol	MT-ND5
NCBI Official Synonym Symbols	MTND5; ND5
NCBI Protein Information	NADH dehydrogenase, subunit 5 (complex I); NADH dehydrogenase subunit 5
UniProt Protein Name	NADH-ubiquinone oxidoreductase chain 5
UniProt Gene Name	MT-ND5
UniProt Synonym Gene Names	MTND5; NADH5; ND5
UniProt Entry Name	NU5M_HUMAN

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/mt-nd5-antibody-immunohistochemistry-western-blot-elisa/281885>