

Rabbit anti-Human COQ2 Polyclonal Antibody | anti-COQ2 antibody

Anti-COQ2 Antibody, Rabbit Polyclonal

CATALOG # AAA256929	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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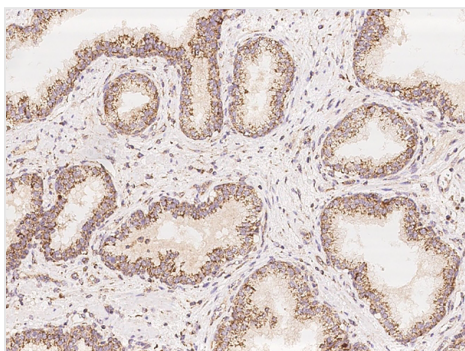
PRODUCT SYNONYMS

COQ2; Polyclonal Antibody; Anti-COQ2 Antibody; Rabbit Polyclonal; COQ2 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CL640 Antibody; Anti-COQ10D1 Antibody; Anti-MSA1 Antibody; anti-COQ2 antibody

PRODUCT SPECIFICATIONS

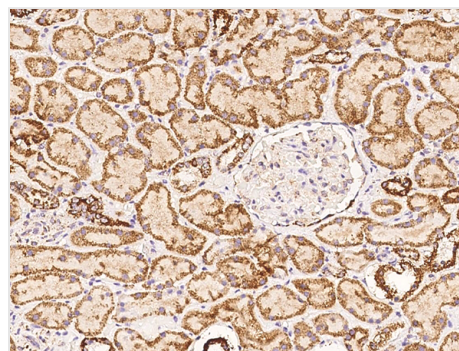
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human COQ2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-COQ2 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human COQ2 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human COQ2 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human COQ2 in human prostate with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human COQ2 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-COQ2 antibody	COQ2 (p-hydroxybenzoate polyprenyl transferase) encodes the enzyme required for the second step of the final reaction sequence of Coenzyme Q ₁₀ (CoQ) biosynthesis. Its mutations represent a frequent cause of primary CoQ deficiency and have been associated with the widest clinical spectrum, ranging from fatal neonatal multisystemic disease to late-onset encephalopathy. COQ2 mutations have been associated with the increase of the risk of multiple system atrophy (MSA) in Japanese cases.
References	Mikasa M, et al. (2018) Coq2 variants in parkinson's disease and multiple system atrophy. J Neural Transm (Vienna) 125 (6): 937-944.Desbats MA, et al. (2016) The coq2 genotype predicts the severity of coenzyme q10 deficiency. Hum Mol Genet 25 (19): 4256-4265.

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/coq2-antibody-immunohistochemistry-elisa/256929>