Rabbit COQ9 Polyclonal Antibody | anti-COQ9 antibody

COQ9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323193	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

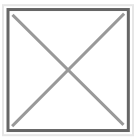
PRODUCT SYNONYMS

COQ9; Polyclonal Antibody; COQ9 Antibody; C16orf49; Chromosome 16 open reading frame 49; Coenzyme Q9 homolog (S. cerevisiae); Coenzyme Q9 homolog (yeast); COQ9_HUMAN; HSPC326; mitochondrial; PSEC0129; Ubiquinone biosynthesis protein COQ9; anti-COQ9 antibody

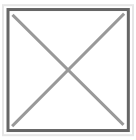
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	COQ9 antibody detects endogenous levels of COQ9.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	318
Applicable Applications for anti-COQ9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human COQ9.
Subcellular Location	Mitochondrion.
Predicted Cross Reactivity	**Pig, Bovine, Horse, Sheep, Rabbit, Dog**
Similarity	Pig (92%), Bovine (83%), Horse (92%), Sheep (83%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of human liver tissue, using COQ9 antibody.



IHC (Immunohistochemistry)
AAA323193 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-COQ9 antibody	Function: Lipid-binding protein involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration. Binds a phospholipid of at least 10 carbons in each acyl group. May be required to present its bound-lipid to COQ7. Subunit Structure: Homodimer. Interacts with COQ7. Similarity: Structurally similar to the bacterial FadR protein (fatty acid metabolism regulator protein). Belongs to the COQ9 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40789233
NCBI GeneID	57017
NCBI Accession #	NP_064708.1
NCBI GenBank Nucleotide #	NM_020312.3
UniProt Accession #	O75208; Q7L5V7; Q7Z5T6; Q8NBL4; Q9NTJ2; Q9P056; A8K3L2
Molecular Weight	Observed: 36 kDa Predicted: 36 kDa
NCBI Official Full Name	ubiquinone biosynthesis protein COQ9, mitochondrial
NCBI Official Synonym Full Names	coenzyme Q9
NCBI Official Symbol	COQ9
NCBI Official Synonym Symbols	COQ10D5; C16orf49
NCBI Protein Information	ubiquinone biosynthesis protein COQ9, mitochondrial
UniProt Protein Name	Ubiquinone biosynthesis protein COQ9, mitochondrial
UniProt Gene Name	**COQ9**
UniProt Synonym Gene Names	C16orf49

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/coq9-antibody-immunohistochemistry-western-blot-elisa/323193