

Anti-COX16 Polyclonal Antibody

Cat: K108111P

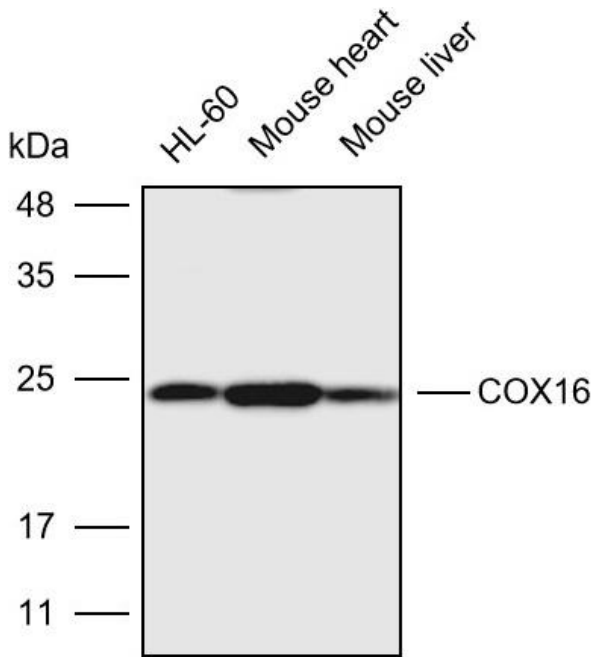
Summary:

【Product name】 : Anti-COX16 antibody	【Source】 : Rabbit
【Isotype】 : IgG	【Species reactivity】 : Human Mouse Rat
【Swiss Prot】 : Q9P0S2	【Gene ID】 : 51241
【Calculated】 : MW:12kDa	【Observed】 : MW:23kDa
【Purification】 : Affinity purification	
【Tested applications】 : WB IHC	
【Recommended dilution】 : WB 1:1000-3000. IHC1:100-300.	
【WB Positive sample】 : HL-60,Mouse heart,Mouse liver	
【IHC Positive sample】 : Human testis cancer	
【Subcellular location】 : Cytoplasm	
【Immunogen】 : Recombinant protein of human COX16	
【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C	

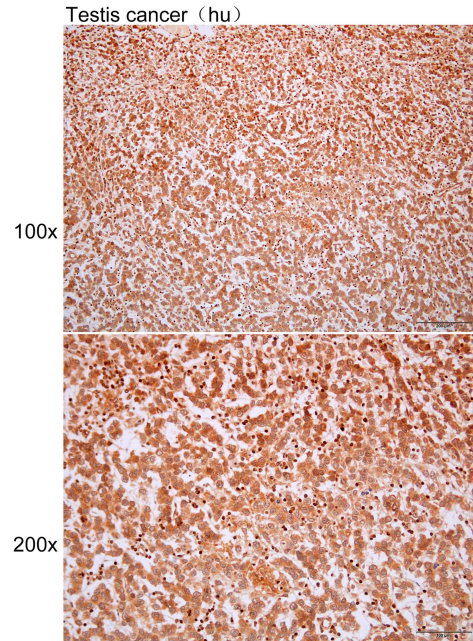
Background:

Required for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase. Promotes the insertion of copper into the active site of cytochrome c oxidase subunit II (MT-CO2/COX2) . Interacts specifically with newly synthesized MT-CO2/COX and its copper center-forming metallochaperones SCO1, SCO2 and COA6. Probably facilitates MT-CO2/COX2 association with the MITRAC assembly intermediate containing MT-CO1/COX1, thereby participating in merging the MT-CO1/COX1 and MT-CO2/COX2 assembly lines.

Verified picture



Western blot analysis with COX16 antibody diluted at 1:2000; Lane: HL-60, Mouse heart, Mouse liver



Immunohistochemistry of paraffin-embedded Human testis cancer with COX16 antibody diluted at 1:200