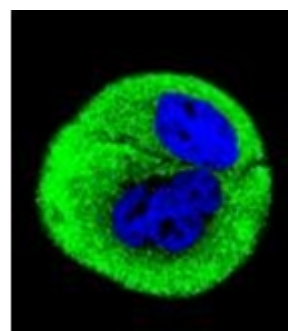


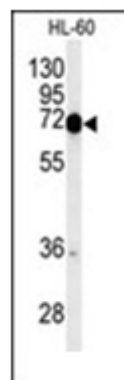
AP51039PU-N

Polyclonal Antibody to Complex IV subunit I (Center) - Aff - Purified

Alternate names:	COI, COXI, Cytochrome c oxidase subunit 1, MT-COI, MTCOI, Mitochondria Complex IV (Cytochrome C Oxidase)
Quantity:	0.4 ml
Concentration:	0.43 mg/ml
Uniprot ID:	P00395
NCBI:	YP_003024028
GeneID:	4512
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 202~232 amino acids from the Central region of Human COXI Genename: COXI
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS Preservatives: 0.09% Sodium Azide
Applications:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunofluorescence: 1/10-1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes COXI
Add. Information:	Molecular Weight: 57041 Da
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Pictures:	Confocal immunofluorescent analysis of Complex IV subunit I antibody Cat.-No AP51039PU-N with MCF-7 cell followed by Alexa Fluor® 488-conjugated Goat anti-Rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western blot analysis of Complex IV subunit I antibody Cat.-No AP51039PU-N in HL-60 cell line lysates (35ug/lane). COXI (arrow) was detected using the purified Pab.



Western blot analysis of Complex IV subunit I antibody Cat.-No AP51039PU-N in MCF-7 cell line lysates. This demonstrates the COXI antibody detected the COXI protein (arrow) (Kindly provided by Dr. John Wu).

