

Datasheet for ABIN514527

anti-COX IV antibody (AA 1-169)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µg
Target:	COX IV (COX4I1)
Binding Specificity:	AA 1-169
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This COX IV antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human COX4I1 protein.
Immunogen:	COX4I1 (NP_001852.1, 1 a.a. ~ 169 a.a) full-length human protein.
Sequence:	MLATRVFSLV GKRAIST SVC VRAHESVVKS EDFSLPAYMD RRDHPLPEVA HVKHLSASQK ALKEKEKASW SSLSMDEKVE LYRIKFKESE AEMNRGSNEW KTVVGGAMFF IGFTALVIMW QKHVYVYGLP QSFDKIEWVAK QTKRMLDMKV NPIQGLASKW DYEKNEWKK
Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

Target:	COX IV (COX4I1)
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Target Details

Alternative Name:	COX4I1 (COX4I1 Products)
Background:	Full Gene Name: cytochrome c oxidase subunit IV isoform 1 Synonyms: COX4,COXIV,MGC72016
Gene ID:	1327
NCBI Accession:	NM_001861
Pathways:	Proton Transport

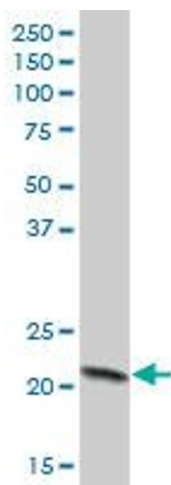
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

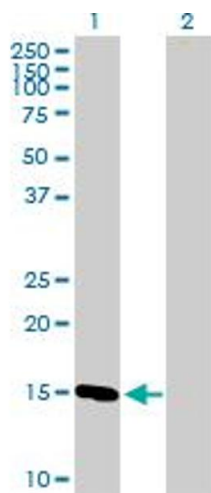
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. COX4I1 MaxPab polyclonal antibody. Western Blot analysis of COX4I1 expression in human kidney.



Western Blotting

Image 2. Western Blot analysis of COX4I1 expression in transfected 293T cell line by COX4I1 MaxPab polyclonal antibody.

Lane 1: COX4I1 transfected lysate(18.59 KDa).

Lane 2: Non-transfected lysate.