



# COX7R Monoclonal Antibody

Catalog No	BYmab-06598
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	COX7A2L COX7AR COX7RP
Protein Name	Cytochrome c oxidase subunit 7A-related protein, mitochondrial (COX7a-related protein) (Cytochrome c oxidase subunit VIIa-related protein) (EB1)
Immunogen	Synthesized peptide derived from human protein . at AA range: 10-90
Specificity	COX7R Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	12kD
Cell Pathway	Mitochondrion inner membrane .
Tissue Specificity	Lung,Placenta,Prostate,Spleen,
Function	function:May be a regulatory subunit of cytochrome c oxidase that mediates the higher level of energy production in target cells by estrogen.,induction:By estrogen.,similarity:Belongs to the cytochrome c oxidase VIIa family.,
Background	Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes a protein similar to polypeptides 1 and 2 of subunit VIIa in the C-terminal region, and also highly

Nanjing BYabscience technology Co.,Ltd



similar to the mouse Sig81 protein sequence. This gene is expressed in all tissues, and upregulated in a breast cancer cell line after estrogen treatment. It is possible that this gene represents a regulatory subunit of COX and mediates the higher level of energy production in target

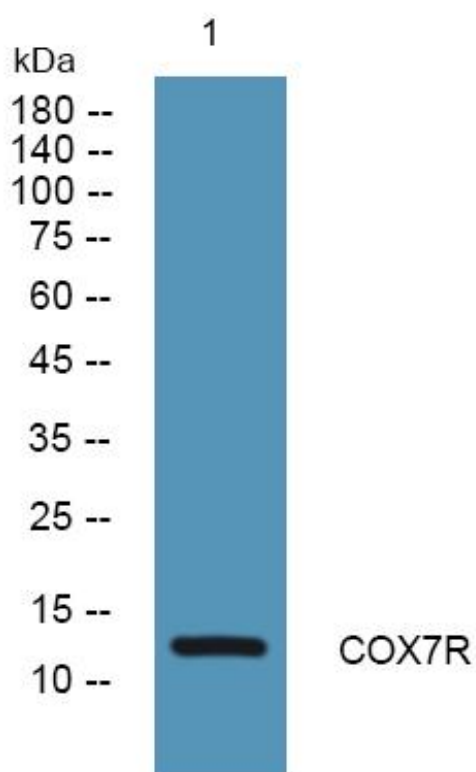
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using COX7R Monoclonal Antibody