

## Anti-COX5B antibody (32-129) (STJ23208)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

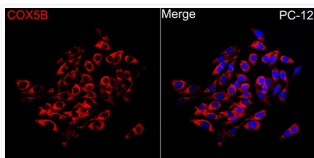
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/CC:1:50-1:100 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specif
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 14kDa Observed Mw: 14kDa/
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

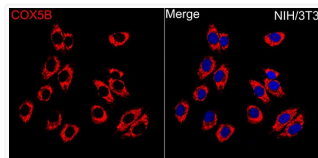
Gene ID	<a href="#">1329</a>
Gene Symbol	<a href="#">COX5B</a>
UniProt ID	<a href="#">COX5B_HUMAN</a>
Immunogen Region	32-129
Immunogen Sequence	ASGGGVPTDEEQATGLEREI MLAAKKGLDPYNVLPKAS GTREDPNLVPSISNKRIVGC ICEEDNTSVVFWLHKGEAQ RCPRCGAHYKLVPPQLAH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 32-129 of human COX5B (NP_001853.2).

### ADDITIONAL INFORMATION

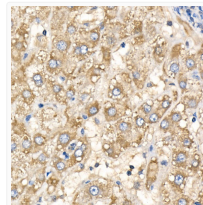
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



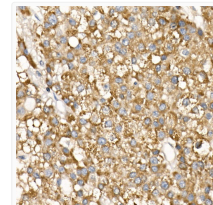
Immunofluorescence analysis of PC-12 cells using COX5B Rabbit polyclonal antibody (STJ23208) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



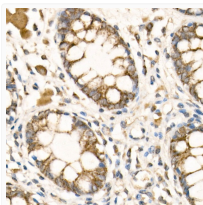
Immunofluorescence analysis of NIH/3T3 cells using COX5B Rabbit polyclonal antibody (STJ23208) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



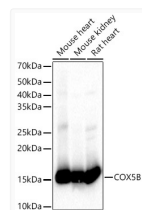
Immunohistochemistry analysis of COX5B in paraffin-embedded human liver tissue using COX5B Rabbit polyclonal antibody (STJ23208) at a dilution of 1:50 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of COX5B in paraffin-embedded human liver cancer tissue using COX5B Rabbit polyclonal antibody (STJ23208) at a dilution of 1:50 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of COX5B in paraffin-embedded human colon tissue using COX5B Rabbit polyclonal antibody (STJ23208) at a dilution of 1:50 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.



Western blot analysis of various lysates using COX5B Rabbit polyclonal antibody (STJ23208) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.