

Anti-COX5A antibody (1-150) (STJ28520)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

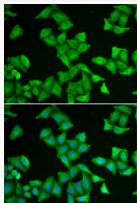
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 IF/ICC:1:10-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 17kDa 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

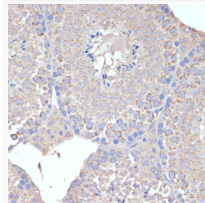
Gene ID	9377
Gene Symbol	COX5A
UniProt ID	COX5A_HUMAN
Immunogen Region	1-150
Immunogen Sequence	MLGAALRRCAVAATTRADPR GLLHSARTPGPAVAIQSVRC YSHGSQETDEEFDARWVTF NKPDIIDAWELRKGINTLVTY DMVPEPKIIDAALRACRRLN DFASTVRILEVVKDKAGPHK EIPYVIQELRPTLNELGIS TPEELGLDKV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human COX5A (NP_004246.2).

ADDITIONAL INFORMATION

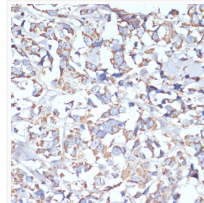
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



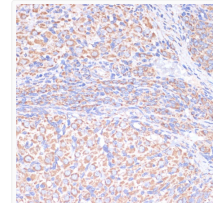
Immunofluorescence analysis of U2OS cells using COX5A antibody (STJ28520). Blue: DAPI for nuclear staining.



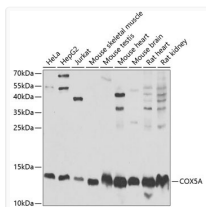
Immunohistochemistry analysis of paraffin-embedded mouse testis using COX5A antibody (STJ28520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using COX5A antibody (STJ28520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat ovary using COX5A antibody (STJ28520) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using COX5A Antibody (STJ28520) 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: 30s.