Anti-NDUFB8 antibody (29-186) (STJ11103314)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

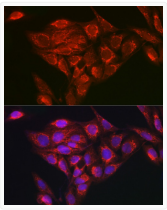
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 22kDa Observed Mw: 20kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

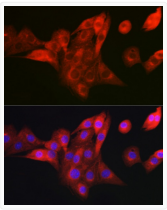
Gene ID	4714
Gene Symbol	NDUFB8
UniProt ID	NDUB8_HUMAN
Immunogen Region	29-186
Immunogen Sequence	ASHMTKDMFPGPYPRTPEER AAAAKKYNMRVEDYEPYPDD GMGYGDYPKLPDRSQHERDP WYSWDQPGLRLNWGEPMHWH LDMYNRNRVDTSPTPVSWHV MCMQLFGFLAFMIFMCWVGD VYPVYQPVGPKQYPYNNLYL ERGGDPSKEPERVVHYEI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 29-186 of human NDUFB8 (NP_004995.1).

ADDITIONAL INFORMATION

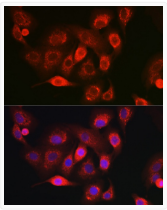
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



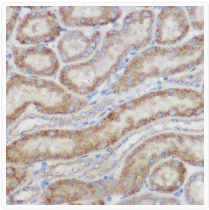
Immunofluorescence analysis of U2OS cells using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



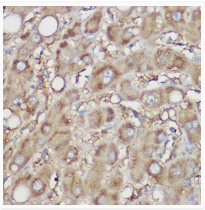
Immunofluorescence analysis of NIH/3T3 cells using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



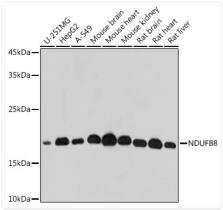
Immunofluorescence analysis of A-549 cells using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of NDUFB8 in paraffin-embedded mouse kidney using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of NDUFB8 in paraffin-embedded human liver using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using NDUFB8 Rabbit polyclonal antibody (STJ11103314) at 1:500 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.