

Anti-NDUFS2 antibody (300-434) [S4185RM] (STJ11104185)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

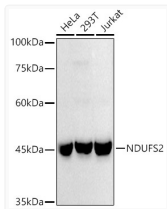
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 53kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

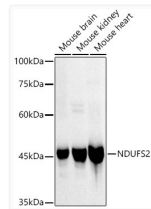
Gene ID	4720
Gene Symbol	NDUFS2
UniProt ID	NDUS2_HUMAN
Immunogen Region	300-434
Immunogen Sequence	WDLRKTQPYDVYDQVEFDVP VGSRGDCYDRYLGRVEEMRQ SLRIIAQCLNKMPPEIKVD DAKVSPPKRAEMKTSMESLI HHFKLYTEGYQVPPGATYTA IEAPKGEFGVYLVSDGSSRP YRCKIKAPGFAHLAG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 300-434 of human NDUFS2 (NP_004541.1).

ADDITIONAL INFORMATION

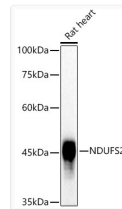
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using NDUFS2 Rabbit monoclonal antibody (STJ11104185) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of various lysates, using NDUFS2 Rabbit monoclonal antibody (STJ11104185) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of lysates from Rat heart, using NDUFS2 Rabbit monoclonal antibody (STJ11104185) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.