

## Product datasheet for **TA379021S**

### NDUFS3 Rabbit Polyclonal Antibody

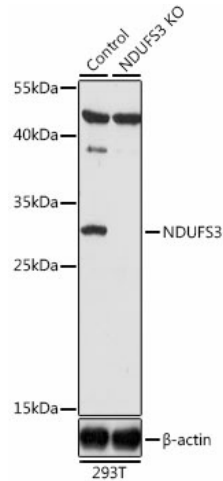
#### Product data:

Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IP, 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 37-264 of human NDUFS3 (NP_004542.1).
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	14kDa/30kDa
Gene Name:	NADH:ubiquinone oxidoreductase core subunit S3
Database Link:	<a href="#">Entrez Gene 4722 Human O75489</a>
Background:	This gene encodes one of the iron-sulfur protein (IP) components of mitochondrial NADH:ubiquinone oxidoreductase (complex I). Mutations in this gene are associated with Leigh syndrome resulting from mitochondrial complex I deficiency.
Synonyms:	CI-30kD

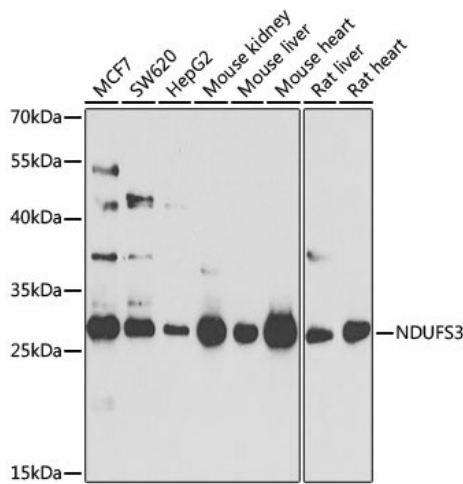


[View online »](#)

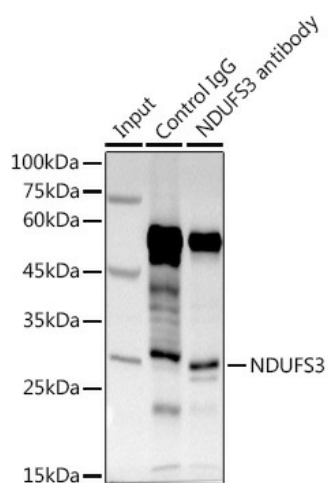
**Product images:**



Western blot analysis of extracts from normal (control) and NDUFS3 knockout (KO) 293T cells, using NDUFS3 antibody ([TA379021]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 10s.



Western blot analysis of extracts of various cell lines, using NDUFS3 antibody ([TA379021]) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.



Immunoprecipitation analysis of 600ug extracts of Mouse kidney using 3ug NDUFS3 antibody ([TA379021]). Western blot was performed from the immunoprecipitate using NDUFS3 antibody ([TA379021]) at a dilution of 1:1000.