

Product Data Sheet

Anti-NDUFS1 Antibody

Catalog #	Source	Reactivity	Applications			
CPA1791	Rabbit	H, M, R, B, Mk	WB, IH			
Description	Rab	bit polyclonal antibody to	NDUFS1			
Immunogen	KLF	I-conjugated synthetic pep	ide encompassing a sequence within the C-term			
	reg	ion of human NDUFS1. The	exact sequence is proprietary.			
Purification	The	antibody was purified by i	mmunogen affinity chromatography.			
Specificity	Rec	ognizes endogenous levels	of NDUFS1 protein.			
Clonality	Polyclonal					
Conjugation						
Form	Liqu	uid in 0.42% Potassium pho	sphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,			
	and	l 0.01% sodium azide.				
Dilution	WB	(1/500 - 1/1000), IH (1/50 -	1/100)			
Gene Symbol	ND	UFS1				
Alternative N	ames NA	DH-ubiquinone oxidoreduc	tase 75 kDa subunit mitochondrial; Complex I-75kD;			
	CI-7	75kD				
Entrez Gene	471	4719 (Human); 227197 (Mouse); 301458 (Rat)				
SwissProt	P28	331 (Human); Q91VD9 (M	ouse); Q66HF1 (Rat)			
Storage/Stabi	i lity Shij	oped at 4°C. Upon delivery	aliquot and store at -20°C for one year. Avoid			
	free	eze/thaw cycles.				

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

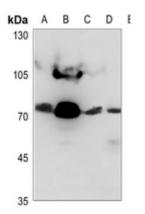
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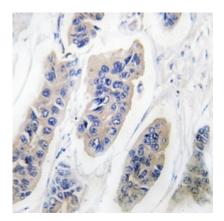


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Western blot analysis of NDUFS1 expression in mouse kidney (A), mouse heart (B), rat kidney (C), rat heart (D) whole cell lysates. (Predicted band size: 79 kD; Observed band size: 79 kD)



Immunohistochemical analysis of NDUFS1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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