

Product datasheet for **TA392806**

ADCK4 (COQ8B) Rabbit Polyclonal Antibody

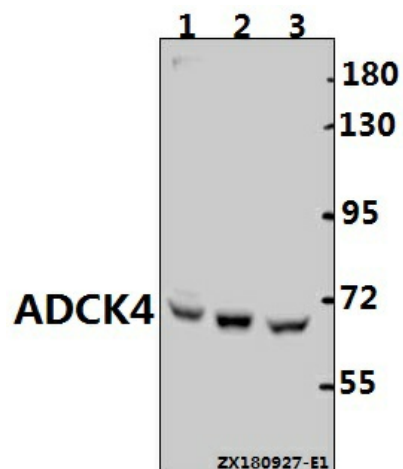
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:5000~1:10000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 25-85 of Human ADCK4.
Specificity:	ADCK4 (G55) polyclonal antibody detects endogenous levels of ADCK4 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 60 kDa
Gene Name:	aarF domain containing kinase 4
Database Link:	Entrez Gene 79934 Human Q96D53
Background:	Atypical kinase involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration. Its substrate specificity is unclear: does not show any protein kinase activity. Probably acts as a small molecule kinase, possibly a lipid kinase that phosphorylates a prenyl lipid in the ubiquinone biosynthesis pathway. Required for podocyte migration.
Synonyms:	AarF domain-containing protein kinase 4; ADCK4; Atypical kinase COQ8B, mitochondrial; Coenzyme Q protein 8B; COQ8B
Note:	For research use only, not for use in diagnostic procedure.



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Product images:



Western blot (WB) analysis of ADCK4 (G55) polyclonal antibody at 1:5000 dilution
Lane1:SP2/0 whole cell lysate(30ug) Lane2:PC12 whole cell lysate(20ug) Lane3:Hela whole cell lysate(30ug)