

## Product datasheet for **TA308224**

### NDUFV1 Rabbit Polyclonal Antibody

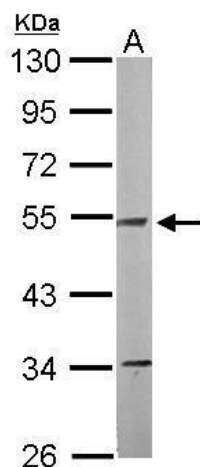
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Chimpanzee)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 218 and 459 of NDUFV1 (Uniprot ID#P49821)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51 kDa
Gene Name:	NADH:ubiquinone oxidoreductase core subunit V1
Database Link:	<a href="#">NP_009034</a> <a href="#">Entrez Gene 17995 Mouse</a> <a href="#">Entrez Gene 4723 Human</a> <a href="#">P49821</a>
Background:	The NDUFV1 gene encodes the 51-kD subunit of complex I (NADH:ubiquinone oxidoreductase) of the mitochondrial respiratory chain. [supplied by OMIM]
Synonyms:	CI-51K; CI51KD; UQOR1
Note:	Seq homology of immunogen across species: Chimpanzee (100%)
Protein Families:	Druggable Genome
Protein Pathways:	Alzheimer's disease, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

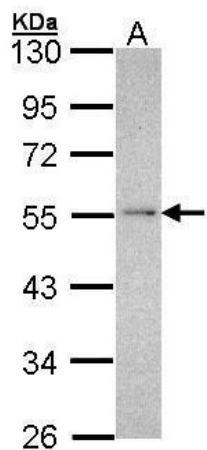


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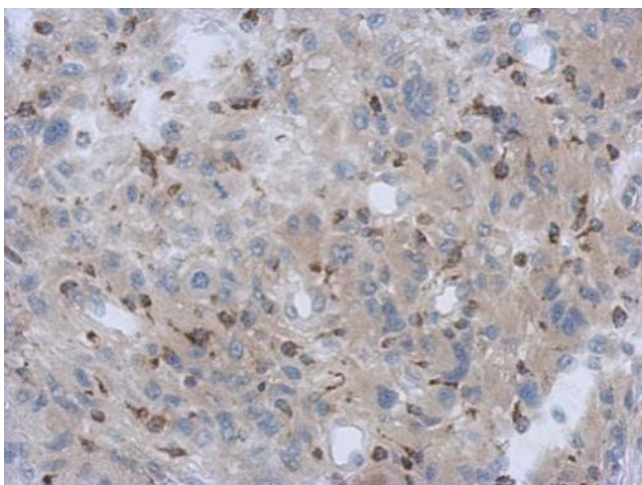
## Product images:



Sample (50 ug of whole cell lysate). A: Mouse brain. 10% SDS PAGE. TA308224 diluted at 1:1000.



Sample (30 ug of whole cell lysate). A: Hep G2. 10% SDS PAGE. TA308224 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded U373 xenograft, using NDUFV1 (TA308224) antibody at 1:500 dilution.