

Product datasheet for **TA375320**

DAP Kinase 2 (DAPK2) Rabbit Polyclonal Antibody

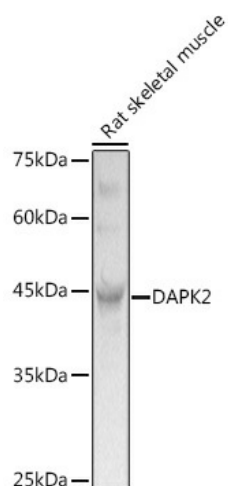
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF, 1:50 - 1:200
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human DAPK2 (NP_055141.2).
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:	42kDa/55kDa
Gene Name:	death associated protein kinase 2
Database Link:	Entrez Gene 23604 Human Q9UIK4
Background:	This gene encodes a protein that belongs to the serine/threonine protein kinase family. This protein contains a N-terminal protein kinase domain followed by a conserved calmodulin-binding domain with significant similarity to that of death-associated protein kinase 1 (DAPK1), a positive regulator of programmed cell death. Overexpression of this gene was shown to induce cell apoptosis. It uses multiple polyadenylation sites.
Synonyms:	DRP-1; DRP1; MGC119312; OTTHUMP00000163874

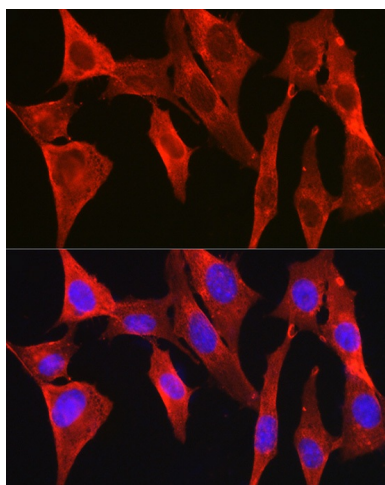


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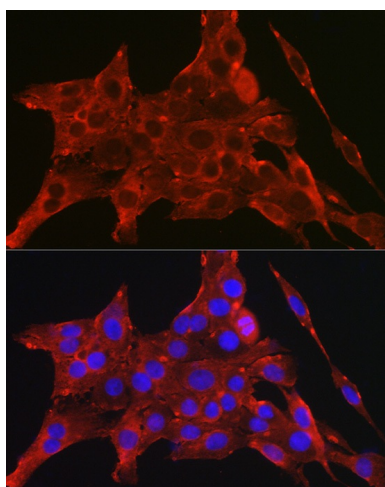
Product images:



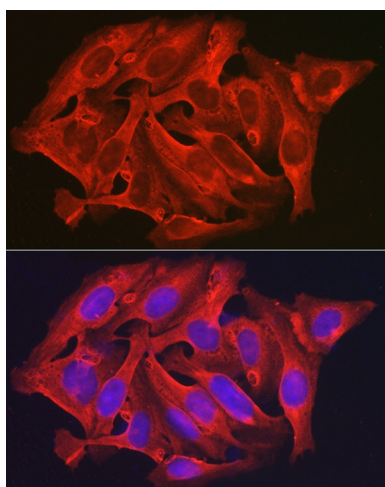
Western blot analysis of extracts of Rat skeletal muscle, using DAPK2 antibody (TA375320) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 3s.



Immunofluorescence analysis of NIH/3T3 cells using DAPK2 Rabbit pAb (TA375320) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using DAPK2 Rabbit pAb (TA375320) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using DAPK2 Rabbit pAb (TA375320) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.