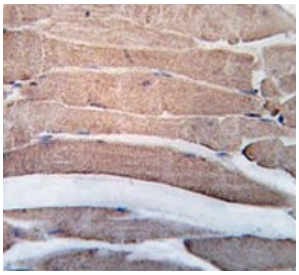
# Death-associated protein kinase 2 Antibody / DAPK2 (F54911)

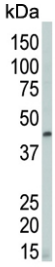
| Catalog No. | Formulation | Size |
|---|---|---|
| F54911-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54911-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

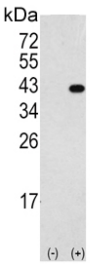
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q9UIK4 |
| **Localization** | Cytoplasmic |
| **Applications** | Immunohistochemistry (FFPE) : 1:50-1:100<br>Western Blot : 1:500-1:1000 |
| **Limitations** | This Death-associated protein kinase 2 antibody is available for research use only. |



IHC testing of FFPE human skeletal muscle tissue with Death-associated protein kinase 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Western blot testing of mouse lung tissue lysate with Death-associated protein kinase 2 antibody. Predicted molecular weight ~43 kDa.




Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Death-associated protein kinase 2 antibody.

## Description

DAPK2 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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Death-associated protein kinase 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 40-70 from the human protein was used as the immunogen for the Death-associated protein kinase 2 antibody.

## Storage

Aliquot the Death-associated protein kinase 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com