

## ARG63157 anti-DAPK2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes DAPK2
Tested Reactivity	Hu, Ms
Predict Reactivity	Dog, Rat, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DAPK2
Species	Human
Immunogen	C-KALHPRRSSTS
Conjugation	Un-conjugated
Alternate Names	DRP1; DAP-kinase-related protein 1; DRP-1; DAP kinase 2; EC 2.7.11.1; Death-associated protein kinase 2

### Application Instructions

Application table	Application	Dilution
	IHC-P	2.5 µg/ml
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 13143 Mouse](#)

[GeneID: 23604 Human](#)

[Swiss-port # Q8VDF3 Mouse](#)

[Swiss-port # Q9UIK4 Human](#)

#### 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. [provided by RefSeq, Jul 2008]

#### Research Area

Cell Biology and Cellular Response antibody; Cell Death antibody

#### Calculated Mw

43 kDa

#### PTM

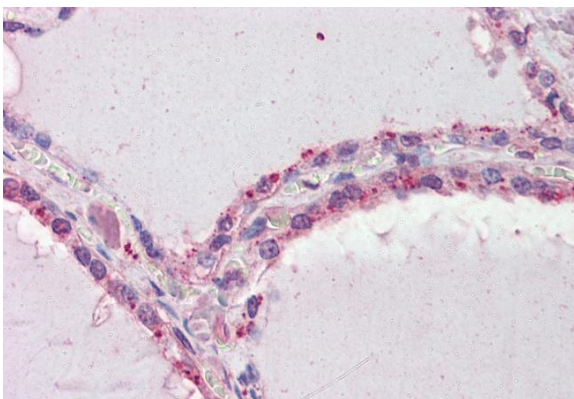
Autophosphorylation at Ser-318 inhibits its catalytic activity. Dephosphorylated at Ser-318 in response to activated Fas and TNF-alpha receptors.

## Images



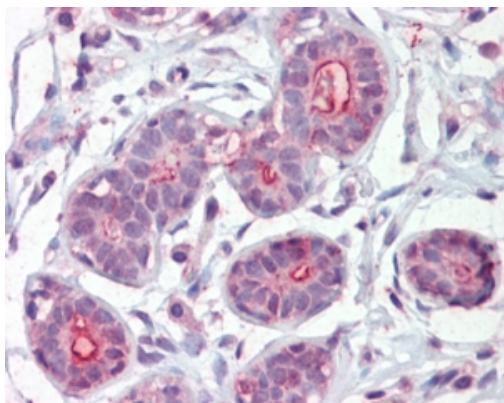
ARG63157 anti-DAPK2 antibody WB image

Western Blot: mouse brain extracts (RIPA buffer, 35 µg total protein per lane) stained with ARG63157 anti-DAPK2 antibody at 2 µg/ml dilution.



ARG63157 anti-DAPK2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thyroid tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63157 anti-DAPK2 antibody at 2.5 µg/ml dilution followed by AP-staining.



#### ARG63157 anti-DAPK2 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Breast.  
(Steamed antigen retrieval with citrate buffer pH 6) stained with  
ARG63157 anti-DAPK2 antibody at 2.5 µg/ml dilution followed by AP-  
staining.