

**ARG63676**  
anti-DOK5 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes DOK5
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DOK5
Species	Human
Immunogen	CLHRTETFPAYRSEH
Conjugation	Un-conjugated
Alternate Names	IRS6; IRS-6; Docking protein 5; C20orf180; Insulin receptor substrate 6; Downstream of tyrosine kinase 5

### Application Instructions

Application table	Application	Dilution
	IHC-P	1 - 2 µg/ml
	WB	1 - 3 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * 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: 55816 Human](#)

[Swiss-port # Q9P104 Human](#)

Background

The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. In contrast to other DOK family proteins, this protein does not interact with RASGAP. [provided by RefSeq, Jul 2008]

Research Area

Signaling Transduction antibody

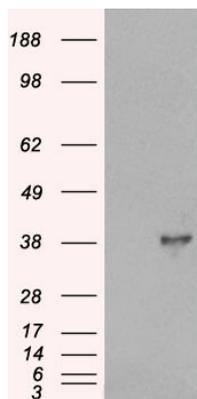
Calculated Mw

35 kDa

PTM

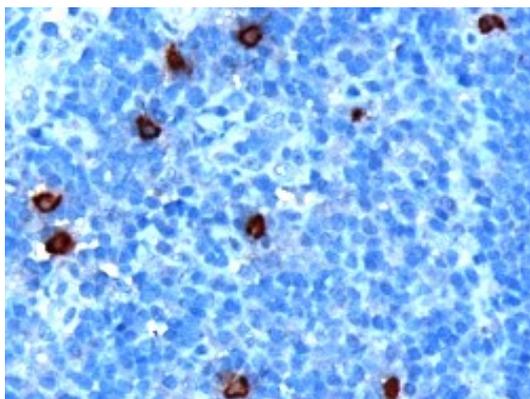
Phosphorylated on tyrosine residues in response to insulin, IGF1 and GDNF.

## Images



ARG63676 anti-DOK5 antibody WB image

Western Blot: 1). Mock transfection; 2) DOK5 (RC211718) expressing plasmid transfected HEK293 cell lysate stained with ARG63676 anti-DOK5 antibody



ARG63676 anti-DOK5 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Tonsil. (Microwaved antigen retrieval with citrate buffer pH6) stained with ARG63676 anti-DOK5 antibody at 1 µg/ml dilution followed by HRP-staining.