

## ARG64931 anti-CENTG1 / PIKE antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes CENTG1 / PIKE
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize isoform PIKE-S (NP_055585.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CENTG1 / PIKE
Species	Human
Immunogen	C-QASLDSIREAVINSQ
Conjugation	Un-conjugated
Alternate Names	PIKE; GGAP2; AGAP-2; Cnt-g1; Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2; Phosphatidylinositol 3-kinase enhancer; Centaurin-gamma-1; GTP-binding and GTPase-activating protein 2; CENTG1

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.3 - 1 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: 116986 Human](#)

[Swiss-port # Q99490 Human](#)

Background

The protein encoded by this gene belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

Research Area

Gene Regulation antibody; Signaling Transduction antibody

Calculated Mw

125 kDa

PTM

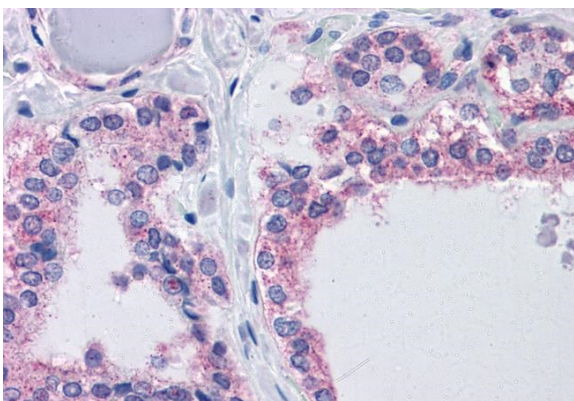
Isoform PIKE-A is phosphorylated at Tyr-682 and Tyr-774 by FYN, preventing its apoptotic cleavage.

## Images



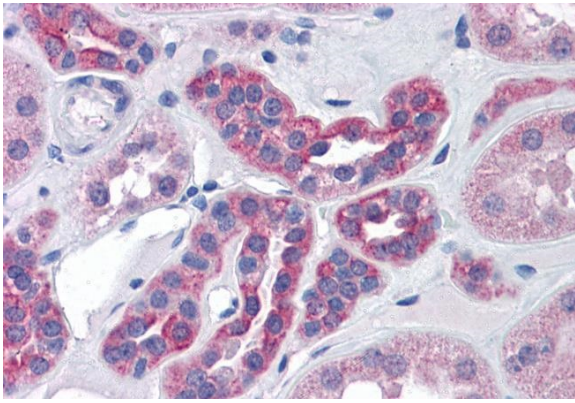
ARG64931 anti-CENTG1 / PIKE antibody WB image

Western Blot: Human Amygdala lysate (35 µg protein in RIPA buffer) stained with ARG64931 anti-CENTG1 / PIKE antibody at 0.3 µg/ml dilution.



ARG64931 anti-CENTG1 / PIKE 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 ARG64931 anti-CENTG1 / PIKE antibody at 3.75 µg/ml dilution followed by AP-staining.



**ARG64931 anti-CENTG1 / PIKE antibody IHC-P image**

Immunohistochemistry: Paraffin-embedded Human kidney tissue.  
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64931 anti-CENTG1 / PIKE antibody at 3.75 µg/ml dilution followed by AP-staining.