

## ARG42991 anti-AZI2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes AZI2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AZI2
Species	Human
Immunogen	Recombinant protein of Human AZI2.
Conjugation	Un-conjugated
Alternate Names	NAP1; TILP; 5-azacytidine-induced protein 2; Nak-associated protein 1; AZ2; NF-kappa-B-activating kinase-associated protein 1

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:20
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562	
Observed Size	~ 44 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
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. 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

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Gene Symbol	AZI2
Gene Full Name	5-azacytidine induced 2
Background	AZI2, or NAP1, contributes to the activation of NFkB (see MIM 164011)-dependent gene expression by activating IKK-related kinases, such as NAK (TBK1; MIM 604834) (Fujita et al., 2003 [PubMed 14560022]).[supplied by OMIM, Mar 2008]
Function	Adapter protein which binds TBK1 and IKBKE playing a role in antiviral innate immunity. Activates serine/threonine-protein kinase TBK1 and facilitates its oligomerization. Enhances the phosphorylation of NF-kappa-B p65 subunit RELA by TBK1. Promotes TBK1-induced as well as TNF-alpha or PMA-induced activation of NF-kappa-B. Participates in IFNB promoter activation via TICAM1. [UniProt]
Calculated Mw	45 kDa
Cellular Localization	Cytoplasm. [UniProt]

## Images

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K562

ARG42991 anti-AZI2 antibody WB image

Western blot: K562 cell lysate stained with ARG42991 anti-AZI2 antibody at 1:1000 dilution.