

Rabbit AZI2 Polyclonal Antibody | anti-AZI2 antibody

AZI2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321098	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

AZI2; Polyclonal Antibody; AZI2 Antibody; 5 azacytidine induced protein 2; 5-azacytidine-induced protein 2; AA410145; AZ2; AZI2_HUMAN; MGC112644; Nak associated protein 1; Nak-associated protein 1; NAP1; NF kappa B activating kinase associated protein 1; NF-kappa-B-activating kinase-associated protein 1; TILP; TILP(S); anti-AZI2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	AZI2 antibody detects endogenous levels of AZI2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	243
Applicable Applications for anti-AZI2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AZI2
Tissue Specificity	Widely expressed. Abundant expression seen in the pancreas and testis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (82%), Horse (82%), Sheep (82%), Rabbit (82%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321098 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on HepG2 cell lysate using AZI2 Antibody. The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from Hela, using AZI2 Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-AZI2 antibody	Description: AZI2 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 IFN-beta promoter activation via TICAM1. Interacts with IKBKE, TBK1 and TICAM1. 2 isoforms of the human protein are produced by alternative splicing. 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. Subunit Structure: Homodimer. Interacts with IKBKE, TBK1 and TICAM1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197313705
NCBI GeneID	64343
NCBI Accession #	NP_001127904.1
NCBI GenBank Nucleotide #	NM_001134432.1
UniProt Accession #	Q9H6S1; Q86W99; Q9BQF1; A8K3M2; C9JB40; H7BXU6
Molecular Weight	Observed: 48 kDa Predicted: 45 kDa
NCBI Official Full Name	5-azacytidine-induced protein 2 isoform b
NCBI Official Synonym Full Names	5-azacytidine induced 2
NCBI Official Symbol	AZI2
NCBI Official Synonym Symbols	AZ2; NAP1; TILP
NCBI Protein Information	5-azacytidine-induced protein 2
UniProt Protein Name	5-azacytidine-induced protein 2
UniProt Gene Name	AZI2
UniProt Synonym Gene Names	NAP1; TBKBP2; Nak-associated protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/azi2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321098>