

TIPIN Antibody(N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19596a**Specification**

TIPIN Antibody(N-term) - Product Information

Application	WB,E
Primary Accession	O9BVW5
Other Accession	NP_060328.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34555
Antigen Region	227-254

TIPIN Antibody(N-term) - Additional Information**Gene ID** 54962**Other Names**

TIMELESS-interacting protein, TIPIN

Target/Specificity

This TIPIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-254 amino acids from the N-terminal region of human TIPIN.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TIPIN Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

TIPIN Antibody(N-term) - Protein Information**Name** TIPIN ([HGNC:30750](#))**Function** Plays an important role in the control of DNA replication and the maintenance of

replication fork stability (PubMed:[17102137](#), PubMed:[23359676](#), PubMed:[35585232](#)). Important for cell survival after DNA damage or replication stress (PubMed:[17116885](#)). May be specifically required for the ATR-CHEK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light (PubMed:[17296725](#)). Forms a complex with TIMELESS and this complex regulates DNA replication processes under both normal and stress conditions, stabilizes replication forks and influences both CHEK1 phosphorylation and the intra-S phase checkpoint in response to genotoxic stress (PubMed:[17102137](#), PubMed:[17116885](#), PubMed:[17296725](#), PubMed:[23359676](#), PubMed:[35585232](#)).

Cellular Location

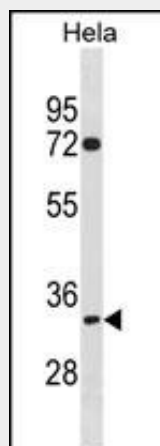
Cytoplasm. Nucleus

TIPIN Antibody(N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TIPIN Antibody(N-term) - Images



TIPIN Antibody (N-term) (Cat. #AP19596a) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TIPIN antibody detected the TIPIN protein (arrow).

TIPIN Antibody(N-term) - Background

Required for normal progression of S-phase. Important for cell survival after DNA damage or replication stress. May be specifically required for the ATR-CHEK1 pathway in the replication checkpoint induced by hydroxyurea or ultraviolet light.

TIPIN Antibody(N-term) - References

Kemp, M.G., et al. J. Biol. Chem. 285(22):16562-16571(2010)
Leman, A.R., et al. J. Cell. Sci. 123 (PT 5), 660-670 (2010) :

Utge, S.J., et al. PLoS ONE 5 (2), E9259 (2010) :
Unsal-Kacmaz, K., et al. Mol. Cell. Biol. 27(8):3131-3142(2007)
Gotter, A.L., et al. J. Mol. Biol. 366(1):36-52(2007)