

Product datasheet

Anti-TIPIN antibody - N-terminal ab236451

3 Images

Overview

Product name	Anti-TIPIN antibody - N-terminal
Description	Rabbit polyclonal to TIPIN - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, IP, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to Human TIPIN (N terminal). ~300 aa. Database link: Q9BVW5
Positive control	WB: U-2 OS and NIH/3T3 cell lysate. IP: U-2 OS cell lysate. ICC/IF: U-2 OS cells.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab236451** in the following tested applications.

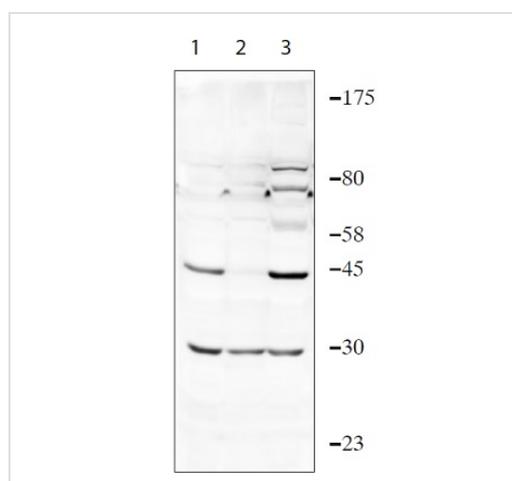
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 35 kDa.
IP		1/2000.
ICC/IF		1/600.

Target

Function	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.
Sequence similarities	Belongs to the CSM3 family.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Cytoplasm. Nucleus.

Images



Western blot - Anti-TIPIN antibody - N-terminal (ab236451)

All lanes : Anti-TIPIN antibody - N-terminal (ab236451) at 1/2000 dilution

Lane 1 : U-2 OS (Human bone osteosarcoma epithelial cell line) treated with control siRNA cell lysate

Lane 2 : U-2 OS (Human bone osteosarcoma epithelial cell line) treated with TIPIN siRNA cell lysate

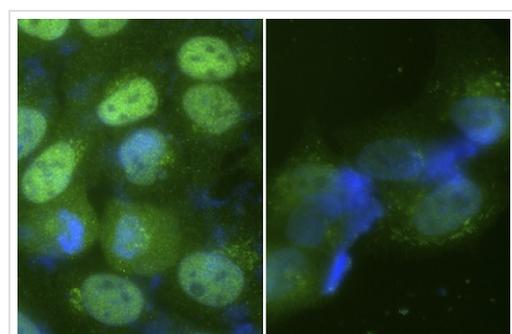
Lane 3 : NIH/3T3 (Mouse embryo fibroblast cell line) cell lysate

Lysates/proteins at 40 µg per lane.

Predicted band size: 35 kDa

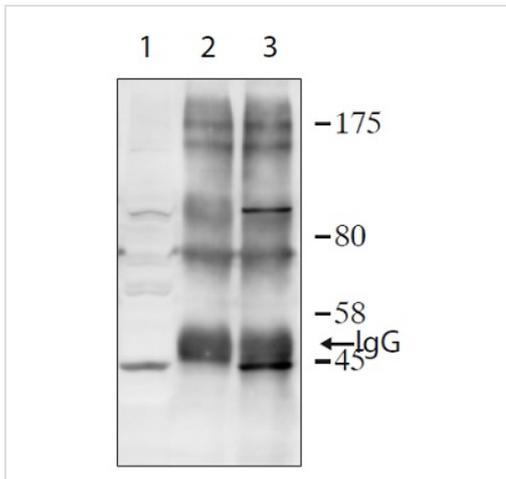
Blocking: 5% TBS-T milk.

Incubated with primary antibody overnight.



Immunocytochemistry/ Immunofluorescence - Anti-TIPIN antibody - N-terminal (ab236451)

2% paraformaldehyde-fixed U-2 OS (Human bone osteosarcoma epithelial cell line) cells labeling TIPIN with ab236451 (green) at 1/600 dilution in ICC/IF. Cells were treated with siRNA against TIPIN (right panel) or control (left panel). Counter stained with DAPI (blue). Incubated with primary antibody overnight at +4°C.



Immunoprecipitation - Anti-TIPIN antibody - N-terminal (ab236451)

TIPIN was immunoprecipitated from U-2 OS (Human bone osteosarcoma epithelial cell line) whole cell lysate using 3 μ l of ab236451.

Lane 1: U-2 OS whole cell lysate ~400 μ g (Input).

Lane 2: Control IgG in U-2 OS whole cell lysate.

Lane 3: ab236451 in U-2 OS whole cell lysate.

For western blotting ab236451 was used at a 1/2000 dilution.

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