


Anti-ZNF462 antibody ab117771

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Overview

Product name	Anti-ZNF462 antibody
Description	Rabbit polyclonal to ZNF462
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rabbit, Guinea pig, Cow, Pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
Immunogen	Synthetic peptide corresponding to Human ZNF462 aa 2450-2550. Database link: Q96JM2
Positive control	WB: HeLa, HEK-293T and NIH/3T3 whole cell lysates. IP: HEK-293T whole cell lysate. IHC-P: Human lung cancer tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: 99% Tris citrate/phosphate
	pH 7 to 8
Purity	Immunogen affinity purified
Purification notes	ab117771 was affinity purified using an epitope specific to ZNF462 immobilized on solid support.
Clonality	Polyclonal

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab117771 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		1/1000 - 1/5000. Predicted molecular weight: 285 kDa.
IP		Use at 2-10 µg/mg of lysate.
IHC-P		1/1000 - 1/5000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

May be involved in transcriptional regulation.

Sequence similarities

Contains 27 C2H2-type zinc fingers.

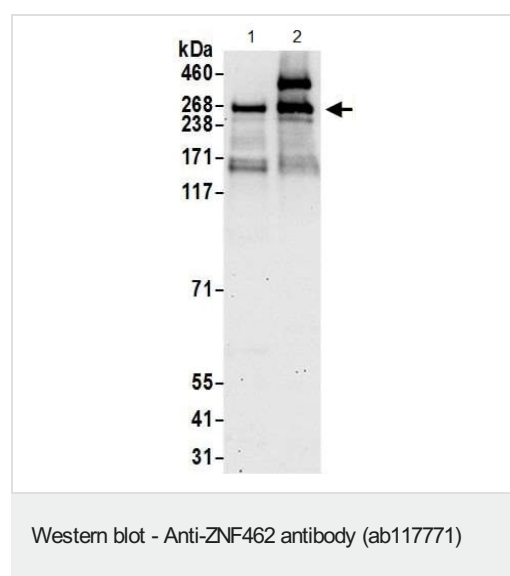
Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

Cellular localization

Nucleus.

Images



All lanes : Anti-ZNF462 antibody (ab117771) at 0.4 µg/ml

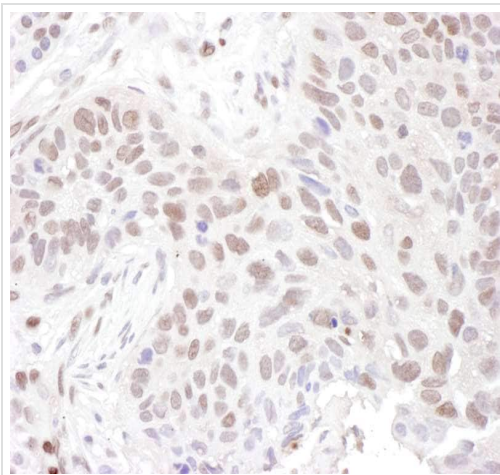
Lane 1 : HeLa whole cell lysate

Lane 2 : HEK-293T whole cell lysate

Lysates/proteins at 50 µg per lane.

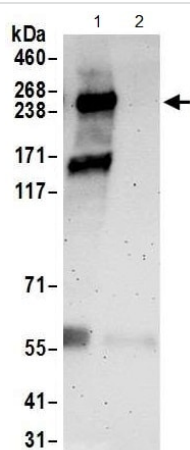
Predicted band size: 285 kDa

Samples: Whole cell lysate (50 µg) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified ab117771 used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZNF462 antibody (ab117771)

Immunohistochemical analysis of human lung cancer tissue labeling ZNF462 with ab117771 at a dilution of 1/5000.



Immunoprecipitation - Anti-ZNF462 antibody (ab117771)

Detection of human ZNF462 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified ab117771 used for IP at 6 µg per reaction. For blotting immunoprecipitated ZNF462, ab117771 was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

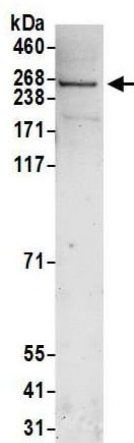
Lane 1 : Anti-ZNF462 antibody (ab117771)

Lane 2 : Control IgG

All lanes :

Anti-ZNF462 antibody (ab117771) at 0.4 µg/ml + NIH/3T3 whole cell lysate at 50 µg

Predicted band size: 285 kDa



Western blot - Anti-ZNF462 antibody (ab117771)

Samples: Whole cell lysate (50 µg) from NIH/3T3 cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified ab117771 used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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