


Anti-ARIP4 antibody ab86063

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Overview

Product name	Anti-ARIP4 antibody
Description	Rabbit polyclonal to ARIP4
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Guinea pig, Cow, Dog, Pig, Chimpanzee, Ferret, Gorilla, Chinese hamster, Elephant 
Immunogen	Synthetic peptide corresponding to Human ARIP4 aa 75-125. Database link: NP_055921.2
Positive control	HeLa whole cell lysate.
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: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	ab86063 was affinity purified using an epitope specific to ARIP4 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab86063 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 - 1/10000. Detects a band of approximately 190 kDa (predicted molecular weight: 163 kDa).
IP		Use at 2-5 µg/mg of lysate.
IHC-P		1/100 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

DNA helicase that modulates androgen receptor (AR)-dependent transactivation in a promoter-dependent manner. Not able to remodel mononucleosomes in vitro.

Sequence similarities

Belongs to the SNF2/RAD54 helicase family.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

Domain

Leu-Xaa-Xaa-Leu-Leu (LXXLL) motifs are known to be important for the association with nuclear receptors.

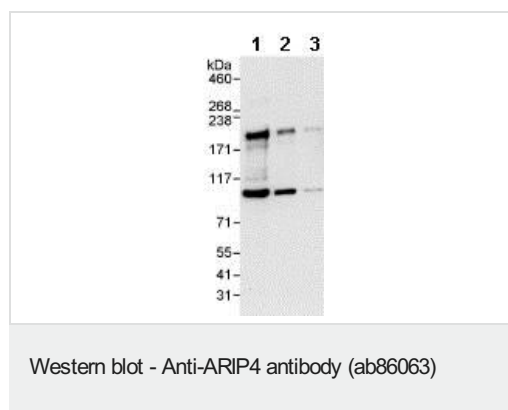
Post-translational modifications

Sumoylated.

Cellular localization

Nucleus. Localizes in speckle-like nuclear compartments.

Images



All lanes : Anti-ARIP4 antibody (ab86063) at 0.04 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

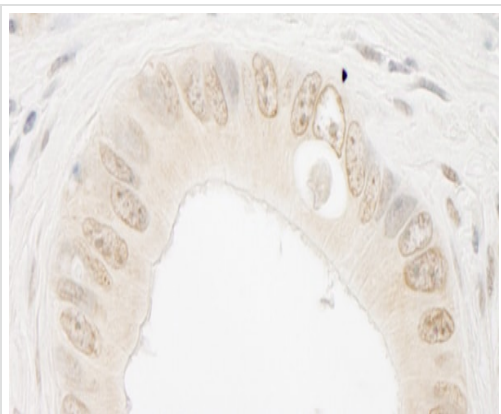
Lane 3 : HeLa whole cell lysate at 5 µg

Predicted band size: 163 kDa

Observed band size: 190 kDa

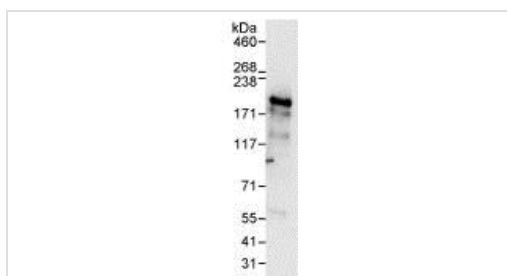
Additional bands at: 100 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 30 seconds



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARIP4 antibody (ab86063)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon carcinoma tissue labelling ARIP4 with ab86063 at 1/1200 (1µg/ml). Detection: DAB.



Immunoprecipitation - Anti-ARIP4 antibody (ab86063)

Detection of ARIP4 by Western Blot of Immunoprecipitate. ab86063 at 1µg/ml staining ARIP4 in HeLa whole cell lysate immunoprecipitated using ab86063 at 3µg/mg lysate (1 mg/IP; 20% of IP loaded/lane). Detection: Chemiluminescence with exposure time of 3 seconds.

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

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