


Anti-ANKRD17 antibody ab85726

[1 References](#) [2 Images](#)

Overview

Product name	Anti-ANKRD17 antibody
Description	Rabbit polyclonal to ANKRD17
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Horse, Guinea pig, Cow, Dog, Turkey, Chimpanzee, Rhesus monkey, Gorilla, Orangutan, Elephant 
Immunogen	Synthetic peptide, corresponding to a region between residue 775 and 825 of Human ANKRD17 (NP_115593.3).
Positive control	Whole cell lysate from HeLa cells.
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: Tris citrate/phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab85726 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. Predicted molecular weight: 274 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Could play pivotal roles in cell cycle and DNA regulation (PubMed:19150984). Involved in innate immune defense against viruse by positively regulating the viral dsRNA receptors DDX58 and IFIH1 signaling pathways (PubMed:22328336). Involves in NOD2- and NOD1-mediated responses to bacteria suggesting a role in innate antibacterial immune pathways too (PubMed:23711367). Target of enterovirus 71 which is the major etiological agent of HFMD (hand, foot and mouth disease) (PubMed:17276651). Could play a central role for the formation and/or maintenance of the blood vessels of the circulation system.

Tissue specificity

Ubiquitously expressed.

Sequence similarities

Contains 25 ANK repeats.
Contains 1 KH domain.

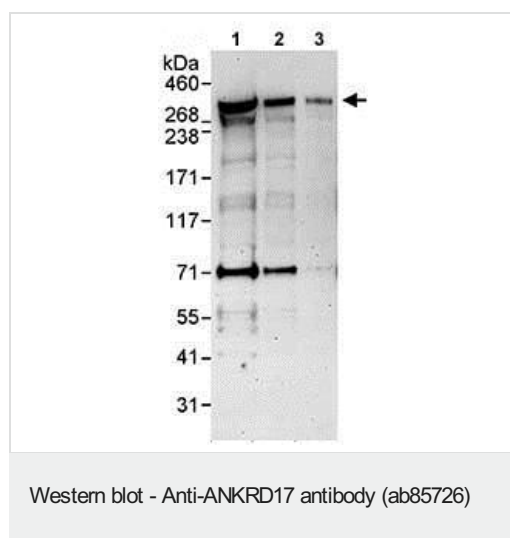
Post-translational modifications

Phosphorylated by CDK2.

Cellular localization

Cytoplasm. Nucleus. Detected around the nucleolus. Localized on chromatin in a cell cycle-dependent manner.

Images



All lanes : Anti-ANKRD17 antibody (ab85726) at 0.1 µg/ml

Lane 1 : Whole cell lysate from HeLa cells at 50 µg

Lane 2 : Whole cell lysate from HeLa cells at 15 µg

Lane 3 : Whole cell lysate from HeLa cells at 5 µg

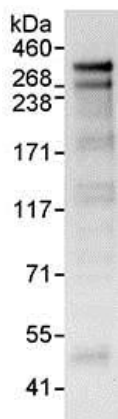
Developed using the ECL technique.

Predicted band size: 274 kDa

Observed band size: 274 kDa

Additional bands at: 268 kDa, 71 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 3 minutes



Immunoprecipitation - Anti-ANKRD17 antibody
(ab85726)

Detection of Human ANKRD17 in Immunoprecipitates of Whole cell lysate from HeLa cells (1 mg for IP, 20% of IP loaded) using ab85726 at 3 µg/mg lysate for IP and at 1 µg/ml for subsequent Western blot detection. Detection: Chemiluminescence with an exposure time of 10 seconds.

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

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