




Product datasheet

Anti-UACA/Nucling antibody ab233432

3 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-UACA/Nucling antibody |
| Description | Rabbit polyclonal to UACA/Nucling |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P |
| Species reactivity | Reacts with: Cow, Human Predicted to work with: Mouse, Dog  |
| Immunogen | Recombinant fragment (His-T7-tag) corresponding to Human UACA/Nucling aa 1-250. N-terminal tags. (Expressed in E.coli). Database link: Q9BZF9  Run BLAST with  Run BLAST with |
| Positive control | WB: HeLa whole cell lysate (ab150035); Cow pancreas lysate; Recombinant human UACA/Nucling protein. IHC-P: Human brain 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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine) |
| Purity | Immunogen affinity purified |
| Purification notes | Antigen-specific affinity chromatography followed by Protein A affinity chromatography. |
| Clonality | Polyclonal |

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab233432 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 | | Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 163 kDa. |
| IHC-P | | Use a concentration of 5 - 20 µg/ml. |

Target

Function

Regulates APAF1 expression and plays an important role in the regulation of stress-induced apoptosis. Promotes apoptosis by regulating three pathways, apoptosome up-regulation, LGALS3/galectin-3 down-regulation and NF-kappa-B inactivation. Regulates the redistribution of APAF1 into the nucleus after proapoptotic stress. Down-regulates the expression of LGALS3 by inhibiting NFkB1.

Modulates isoactin dynamics to regulate the morphological alterations required for cell growth and motility. Interaction with ARF6 may modulate cell shape and motility after injury.

Tissue specificity

Highly expressed in skeletal muscle, heart, kidney and pancreas. Expressed in choroid, retina and epidermal melanocytes. Expressed in eye muscles and thyroid follicular cells.

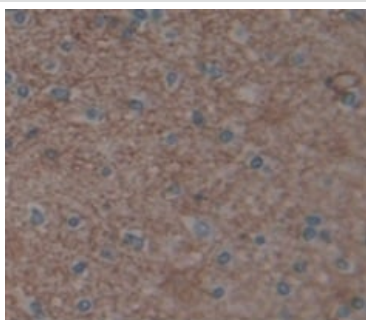
Sequence similarities

Contains 6 ANK repeats.

Cellular localization

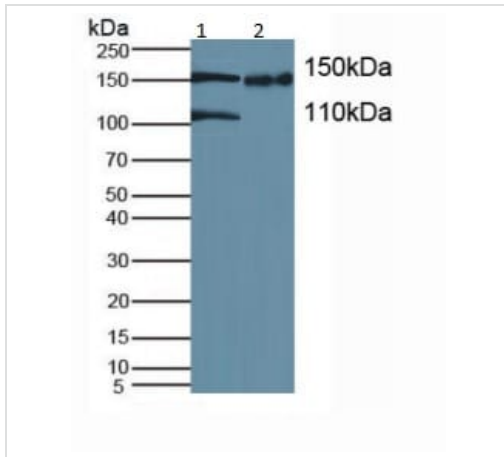
Nucleus. Cytoplasm. Cytoplasm > cytoskeleton. Expressed diffusely in cytoplasm.

Images



Formalin-fixed, paraffin-embedded human brain tissue stained for UACA/Nucling using ab233432 at 20 µg/mL in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UACA/Nucling antibody (ab233432)



Western blot - Anti-UACA/Nucling antibody
(ab233432)

All lanes : Anti-UACA/Nucling antibody (ab233432) at 1 µg/ml

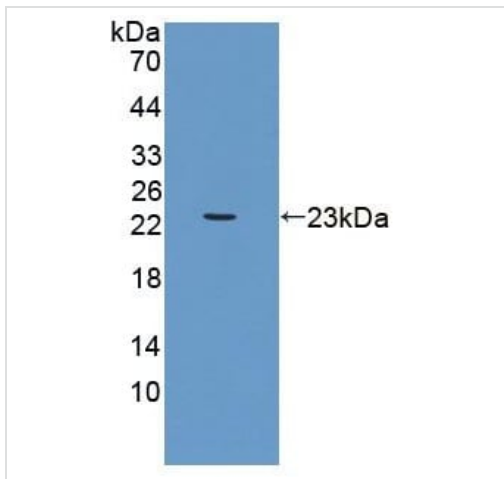
Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) cell lysate

Lane 2 : Cow pancreas tissue

Secondary

All lanes : HRP-Linked Guinea pig anti-rabbit at 1/1000 dilution

Predicted band size: 163 kDa



Western blot - Anti-UACA/Nucling antibody
(ab233432)

Anti-UACA/Nucling antibody (ab233432) at 2 µg/ml + Recombinant human UACA/Nucling protein

Predicted band size: 163 kDa

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

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