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Datasheet for ABIN2856810
anti-ULK2 antibody (C-Term)

5 Images

1 Publication

Overview

Quantity:	100 µL
Target:	ULK2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human ULK2. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to ULK2 (serine/threonine-protein kinase ULK2) ULK2 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ULK2
Alternative Name:	ULK2 (ULK2 Products)

Target Details

Background: This gene encodes a protein that is similar to a serine/threonine kinase in *C. elegans* which is involved in axonal elongation. The structure of this protein is similar to the *C. elegans* protein in that both proteins have an N-terminal kinase domain, a central proline/serine rich (PS) domain, and a C-terminal (C) domain. The gene is located within the Smith-Magenis syndrome region on chromosome 17. Alternatively spliced transcript variants encoding the same protein have been identified.

Molecular Weight: 113 kDa

Gene ID: 9706

Pathways: [Regulation of Cell Size, Autophagy](#)

Application Details

Application Notes: Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:500-1:3000*

Comment: Positive Control: 293T , A431 , HeLa , HepG2 , NT2D1 , NIH-3T3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS, 20 % Glycerol (pH 7). 0.025 % ProClin 300 was added as a preservative.

Preservative: ProClin

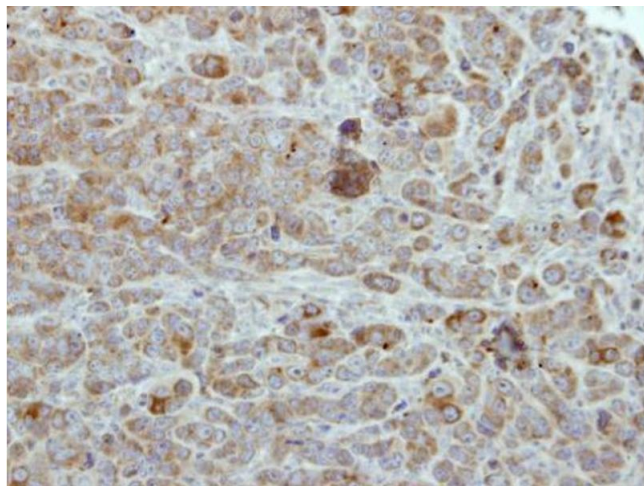
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

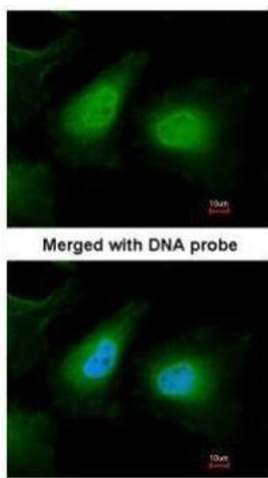
Product cited in: Whiting, Ogier, Forbush, Bucko, Gopalan, Seternes, Langeberg, Scott: "AKAP220 manages apical actin networks that coordinate aquaporin-2 location and renal water reabsorption." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 113, Issue 30, pp. E4328-37, (2016) ([PubMed](#)).

Validation report #101404 for ELISA (ELISA)



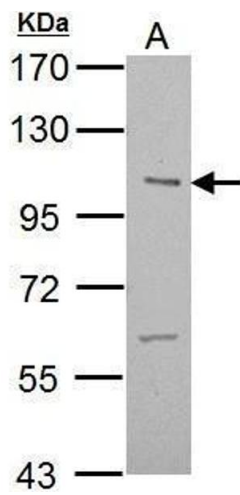
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded MCF7 xenograft, using ULK2, antibody at 1:500 dilution.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ULK2, antibody at 1:200 dilution.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
NIH-3T3 7.5% SDS PAGE antibody diluted at 1:1000

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856810.