

Datasheet for ABIN542720
anti-Ubiquilin 2 antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	Ubiquilin 2 (UBQLN2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquilin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of UBQLN2.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human UBQLN2.
Cross-Reactivity:	Human

Target Details

Target:	Ubiquilin 2 (UBQLN2)
Alternative Name:	Ubiquilin-2 (UBQLN2) (UBQLN2 Products)
Gene ID:	29978

Application Details

Application Notes:	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
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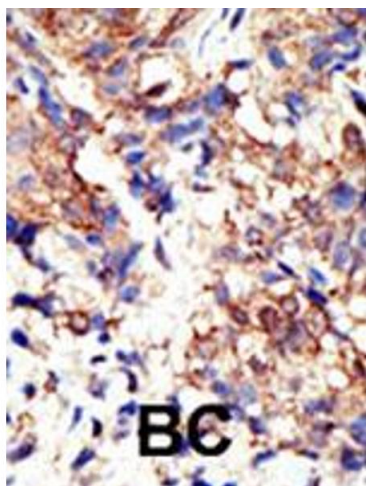
Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

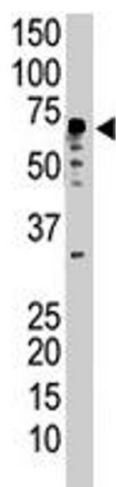
Publications

Product cited in:	Cassel, Reitz: "Ubiquilin-2 (UBQLN2) binds with high affinity to the C-terminal region of TDP-43 and modulates TDP-43 levels in H4 cells: characterization of inhibition by nucleic acids and 4-aminoquinolines." in: Biochimica et biophysica acta , Vol. 1834, Issue 6, pp. 964-71, (2013) (PubMed).
	Walters, Kleijnen, Goh, Wagner, Howley: "Structural studies of the interaction between ubiquitin family proteins and proteasome subunit S5a." in: Biochemistry , Vol. 41, Issue 6, pp. 1767-77, (2002) (PubMed).
	Kleijnen, Shih, Zhou, Kumar, Soccio, Kedersha, Gill, Howley: "The hPLIC proteins may provide a link between the ubiquitination machinery and the proteasome." in: Molecular cell , Vol. 6, Issue 2, pp. 409-19, (2000) (PubMed).



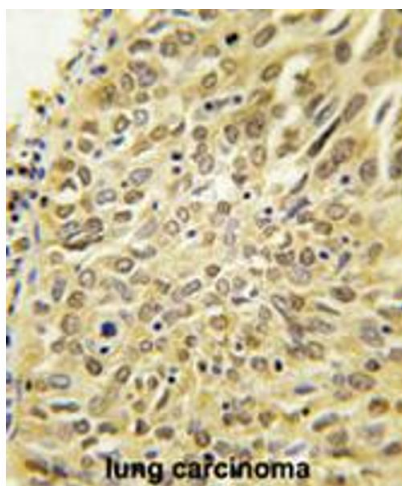
Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with UBQLN2 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.



Western Blotting

Image 2. The UBQLN2 polyclonal antibody is used in Western blot to detect UBQLN2 in HeLa cell lysate.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with UBQLN2 polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.