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Datasheet for ABIN388971

anti-Ubiquilin 1 antibody (N-Term)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	Ubiquilin 1 (UBQLN1)
Binding Specificity:	AA 19-49, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Ubiquilin1 (PLIC1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-49 amino acids from the N-terminal region of human Ubiquilin1 (PLIC1).
Clone:	RB4615
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Ubiquilin 1 (UBQLN1)
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Target Details

Alternative Name:	Ubiquilin1 (PLIC1) (UBQLN1 Products)
Background:	PLIC1 is an ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and is found in lesions associated with Alzheimer's and Parkinson's disease.
Molecular Weight:	62519
Gene ID:	29979
NCBI Accession:	NP_038466 , NP_444295
UniProt:	Q9UMX0

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

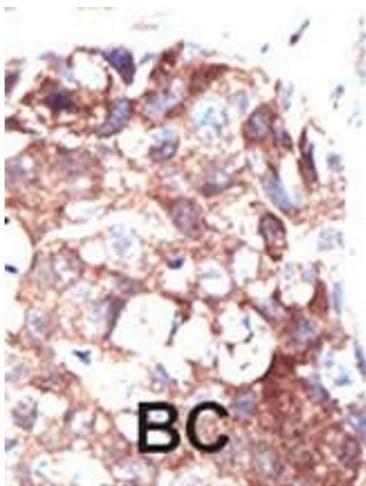
Publications

Product cited in:	Wu, Li, Fang, Yi, Chen, Long, Gao, Wei, Chen: "Investigation of synergistic mechanism and
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identification of interaction site of aldose reductase with the combination of gigantol and syringic acid for prevention of diabetic cataract." in: **BMC complementary and alternative medicine**, Vol. 16, Issue 1, pp. 286, (2017) ([PubMed](#)).

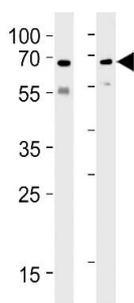
Guo, Wang, Liu, Myatt, Sun: "Induction of PGF2 α synthesis by cortisol through GR dependent induction of CBR1 in human amnion fibroblasts." in: **Endocrinology**, Vol. 155, Issue 8, pp. 3017-24, (2014) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary 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, HC = hepatocarcinoma.



Western Blotting

Image 2. PLIC1 Antibody (P34) (ABIN388971 and ABIN2839214) western blot analysis in SH-SY5Y,U87-MG cell line lysates (35 μ g/lane). This demonstrates the PLIC1 antibody detected the PLIC1 protein (arrow).