

Datasheet for ABIN391815

**anti-CLIC4 antibody**

2 Images

1 Publication

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## Overview

Quantity:	400 µL
Target:	CLIC4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLIC4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CLIC4 antibody is generated from rabbits immunized with recombinant human CLIC4 protein.
Clone:	RB14721
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	CLIC4
Alternative Name:	CLIC4 ( <a href="#">CLIC4 Products</a> )
Background:	Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of

## Target Details

intracellular pH , and regulation of cell volume. Chloride intracellular channel 4 (CLIC4) protein, encoded by the CLIC4 gene, is a member of the p64 family, the gene is expressed in many tissues and exhibits a intracellular vesicular pattern in Panc-1 cells (pancreatic cancer cells).

Molecular Weight: 28772

Gene ID: 25932

NCBI Accession: [NP\\_039234](#)

UniProt: [Q9Y696](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

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.

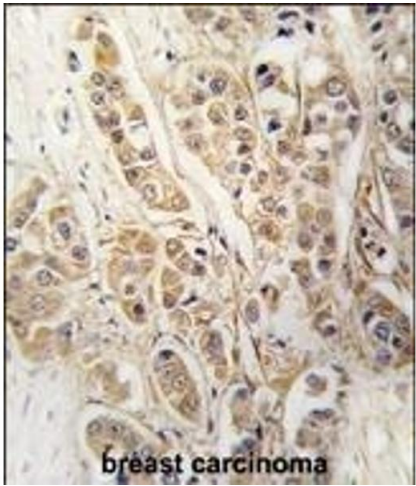
Storage: 4 °C, -20 °C

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

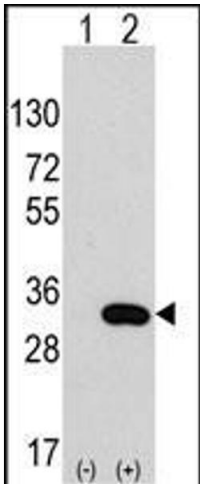
## Publications

Product cited in: Humbert, Navaratnam, Augert, Da Costa, Martien, Wang, Martinez, Abbadie, Carling, de Launoit, Gil, Bernard: "Regulation of ploidy and senescence by the AMPK-related kinase NUA1." in: **The EMBO journal**, Vol. 29, Issue 2, pp. 376-86, (2010) ([PubMed](#)).



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CLIC4 antibody (ABIN391815 and ABIN2841663), 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.



#### Western Blotting

**Image 2.** Western blot analysis of CLIC4 (arrow) using rabbit polyclonal CLIC4 Antibody (ABIN391815 and ABIN2841663). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the CLIC4 gene (Lane 2) (Origene Technologies).