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Datasheet for ABIN1704092  
**anti-CLIC2 antibody (AA 51-150) (Cy5)**

### Overview

Quantity:	100 µL
Target:	CLIC2
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CLIC2 antibody is conjugated to Cy5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CLIC2
Isotype:	IgG
Predicted Reactivity:	Human,Rat,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	CLIC2
Alternative Name:	CLIC2 ( <a href="#">CLIC2 Products</a> )
Background:	Synonyms: Chloride intracellular channel 2, Chloride intracellular channel protein 2, CLIC 2b,

## Target Details

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CLIC2, CLIC2\_HUMAN, CLIC2b, MRXS32, OTTHUMP00000196471, XAP 121, XAP121.

Background: Chloride channels (CLCs) regulate cellular traffic of chloride ions, a critical component of all living cells. CLCs are involved in membrane potential stabilization, signal transduction, cell volume regulation and organic solute transport. The putative 247 amino acid protein chloride intracellular channel 2 (CLIC2), also designated XAP121, shares 60 % identity with the CLIC1 protein and demonstrates expression in only fetal liver and adult skeletal muscle tissues. The CLIC2 gene maps to chromosome Xq28 and contains 6 exons. Because a direct association exists between a number of human chloride channel genes and a range of hereditary diseases, CLIC2 is a potential candidate for one of the many diseases linked to Xq28. The hereditary form of incontinentia pigmenti (IP2), for example, is a rare disorder characterized by abnormalities of the tissues and organs derived from the ectoderm and neuroectoderm that has been linked to Xq28

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Pathways: [Negative Regulation of Transporter Activity](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months