

## CLC-7 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP01864
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CLCN7. AA range:10-59
<b>Mol wt</b>	88679
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	CLC-7 Antibody
<b>Synonyms</b>	CLCN7; H(+)/Cl(-) exchange transporter 7; Chloride channel 7 alpha subunit; Chloride channel protein 7; CIC-7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

The product of CLCN7 belongs to the CLC chloride channel family of proteins. Chloride channels play important roles in the plasma membrane and in intracellular organelles. CLCN7 encodes chloride channel 7. Defects in CLCN7 are the cause of osteopetrosis autosomal recessive type 4 (OPTB4), also called infantile malignant osteopetrosis type 2 as well as the cause of autosomal dominant osteopetrosis type 2 (OPTA2), also called autosomal dominant Albers-Schonberg disease or marble disease autosomal dominant. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. OPTA2 is the most common form of osteopetrosis, occurring in adolescence or adulthood.

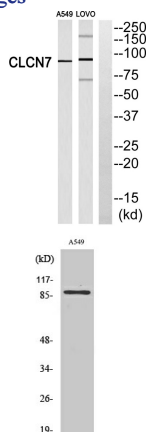
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

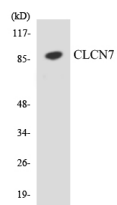
Not yet tested in other applications.

### Images



Western blot analysis of CLCN7 Antibody. The lane on the right is blocked with the CLCN7 peptide.

Western Blot analysis of A549 cells using CLC-7 Polyclonal Antibody diluted at 1:500



Western blot analysis of the lysates from COLO205 cells using CLCN7 antibody.

### Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)