

**CLCN5 rabbit pAb****Cat#: orb772407 (Manual)**

For research use only. Not intended for diagnostic use.

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| <b>Product Name</b>             | CLCN5 rabbit pAb   |
| <b>Host species</b>             | Rabbit   |
| <b>Applications</b>             | WB;ELISA   |
| <b>Species Cross-Reactivity</b> | Human;Mouse;Rat  |
| <b>Recommended dilutions</b>    | WB 1:500-2000 ELISA 1:5000-20000   |
| <b>Immunogen</b>                | Synthesized peptide derived from part region of human protein  |
| <b>Specificity</b>              | CLCN5 Polyclonal Antibody detects endogenous levels of protein.  |
| <b>Formulation</b>              | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..  |
| <b>Storage</b>                  | Store at -20°C. Avoid repeated freeze-thaw cycles.   |
| <b>Protein Name</b>             | H(+)/Cl(-) exchange transporter 5 (Chloride channel protein 5) (ClC-5)<br>(Chloride transporter CLC-5)   |
| <b>Gene Name</b>                | CLCN5 CLCK2  |
| <b>Cellular localization</b>    | Golgi apparatus membrane ; Multi-pass membrane protein . Endosome membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . |
| <b>Purification</b>             | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                    |

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| <b>Clonality</b> | Polyclonal |
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| <b>Concentration</b> | 1 mg/ml |
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| <b>Observed band</b> | 82kD |
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| <b>Human Gene ID</b> | 1184 |
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|--------------------------------|--------|
| <b>Human Swiss-Prot Number</b> | P51795 |
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| <b>Alternative Names</b> |  |
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**Background**

chloride voltage-gated channel 5 (CLCN5) Homo sapiens This gene encodes a member of the ClC family of chloride ion channels and ion transporters. The encoded protein is primarily localized to endosomal membranes and may function to facilitate albumin uptake by the renal proximal tubule. Mutations in this gene have been found in Dent disease and renal tubular disorders complicated by nephrolithiasis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2013],