

## CAB21237

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### Product Information

<b>Product SKU:</b>	CAB21237	<b>Gene ID:</b>	1180	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC52491	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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### Additional Information

<b>Observed MW:</b>	109kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	109kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**Background:** The CLCN family of voltage-dependent chloride channel genes comprises nine members (CLCN1-7, Ka and Kb) which demonstrate quite diverse functional characteristics while sharing significant sequence homology. The protein encoded by this gene regulates the electric excitability of the skeletal muscle membrane. Mutations in this gene cause two forms of inherited human muscle disorders: recessive generalized myotonia congenita (Becker) and dominant myotonia (Thomsen). Alternative splicing results in multiple transcript variants.

**Recommended Dilution:** WB, 1:2000 - 1:20000

**Synonyms:** CLC1; CLCN1

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 889-988 of human CLCN1 (NP\_000074.3).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH 7.3.