



CLCN3 rabbit pAb

Catalog_no :	AT7341
Applications :	WB
Reactivity :	Human, Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	CLCN3
Protein_name :	CLCN3
Humangene_id	1182
:	
Humanswissprot	P51790
_no :	
Mousegene_id :	12725
Mouseswissprot	P51791
_no :	
Ratgene_id :	84360
Ratswissprot_no	P51792
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Immunogen :	Synthesized peptide derived from human CLCN3
Specificity :	This antibody detects endogenous levels of CLCN3 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1 : 500-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Background :	This gene encodes a member of the voltage-gated chloride channel (ClC) family. The encoded protein is present in all cell types and localized in plasma membranes and in intracellular vesicles. It is a multi-pass membrane protein which contains a ClC domain

and two additional C-terminal CBS (cystathionine beta-synthase) domains. The CIC domain catalyzes the selective flow of Cl⁻ ions across cell membranes, and the CBS domain may have a regulatory function. This protein plays a role in both acidification and transmitter loading of GABAergic synaptic vesicles, and in smooth muscle cell activation and neointima formation. This protein is required for lysophosphatidic acid (LPA)-activated Cl⁻ current activity and fibroblast-to-myofibroblast differentiation. The protein activity is regulated by Ca²⁺/calmodulin-dependent protein kinase II (CaMKII) in glioma cells. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011],
