

产品概述

产品名 (Product Name)	S12A3 rabbit Polyclonal Antibody
货号 (Catalog No.)	ATA37233
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, Mouse,Rat
应用实验 (Tested applications)	WB
克隆性 (Clonality)	Polyclonal
免疫原 (Immunogen)	Synthesized peptide derived from human S12A3

产品性能

状态 (Form)	Liquid
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
纯化方式 (Purity)	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

应用

WB 1 : 500-2000

产品背景

This gene encodes a renal thiazide-sensitive sodium-chloride cotransporter that is important for electrolyte homeostasis. This cotransporter mediates sodium and chloride reabsorption in the distal convoluted tubule. Mutations in this gene cause Gitelman syndrome, a disease similar to Bartter's syndrome, that is characterized by hypokalemic alkalosis combined with hypomagnesemia, low urinary calcium, and increased renin activity associated with normal blood pressure. This cotransporter is the target for thiazide diuretics that are used for treating high blood pressure. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],