



Anti-SLC5A8 polyclonal antibody (CABT-BL3358)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide (Mouse) conjugated to an immunogenic carrier protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Whole antiserum
Conjugate	Unconjugated
Applications	WB, IHC-P, IHC-Fr
Cellular Localization	Apical cell membrane. Expressed at the apical membrane of normal tall thyrocytes and of colonic epithelial cells.
Format	Liquid
Buffer	1X PBS
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C (add glycerol to a final volume of 40% for extra stability). Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	SLC5A8 has been shown to transport iodide by a passive mechanism (Rodriguez et al., 2002 (PubMed 12107270)) and; monocarboxylates and short-chain fatty acids by a sodium-coupled
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mechanism (Gopal et al., 2004 (PubMed 15322102)). In;kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and;maintenance of blood lactate levels (Thangaraju et al., 2006 (PubMed 16873376)).

GENE INFORMATION

Entrez Gene ID	216225
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Protein Refseq	NP_663398
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UniProt ID	Q8BYF6
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