

S4A5 rabbit pAb

Cat No.: ES13225

For research use only

Overview

Product Name S4A5 rabbit pAb

Host species Rabbit
Applications WB

Species Cross-Reactivity Human;Rat

Recommended dilutions WB 1: 500-2000

Immunogen Synthesized peptide derived from human S4A5 AA

range: 26-76

Specificity This antibody detects endogenous levels of S4A5 at

Human/Rat

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name S4A5

Gene Name SLC4A5 NBC4

Cellular localization Apical cell membrane ; Multi-pass membrane

protein. Expressed in the apical plasma membrane domain of a subset of collecting ducts in the renal

medulla...

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Human Gene ID 57835 Human Swiss-Prot Number Q9BY07

Alternative Names

Background This gene encodes a member of the sodium

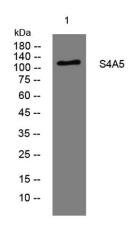
bicarbonate cotransporter (NBC) family, part of the bicarbonate transporter superfamily. Sodium bicarbonate cotransporters are involved in intracellular pH regulation and electroneural or electrogenic sodium bicarbonate transport. This



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protein is thought to be an integral membrane protein. Multiple transcript variants encoding different isoforms have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq, Jul 2008],

Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



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