

# 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 electroneutral or electrogenic sodium bicarbonate transport. This





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

