

S7A14 rabbit pAb

Cat No.:ES13220

For research use only

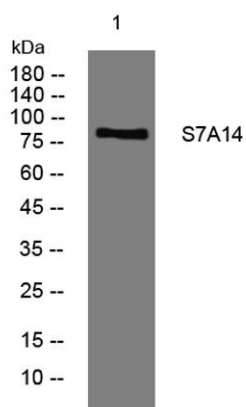
Overview

Product Name	S7A14 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human S7A14 AA range: 50-100
Specificity	This antibody detects endogenous levels of S7A14 at Human/Mouse
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	S7A14
Gene Name	SLC7A14 KIAA1613
Cellular localization	Lysosome membrane ; Multi-pass membrane protein . Exhibits a punctated pattern in the cytoplasm, which partially overlaps with lysosomes.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	57709
Human Swiss-Prot Number	Q8TBB6
Alternative Names	Probable cationic amino acid transporter (Solute carrier family 7 member 14)
Background	This gene is predicted to encode a glycosylated, cationic amino acid transporter protein with 14 transmembrane domains. This gene is primarily expressed in skin fibroblasts, neural tissue, and primary endothelial cells and its protein is predicted to mediate lysosomal uptake of cationic amino





acids. Mutations in this gene are associated with autosomal recessive retinitis pigmentosa. In mice, this gene is expressed in the photoreceptor layer of the retina where its expression increases over the course of retinal development and persists in the mature retina. [provided by RefSeq, Apr 2014],



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night

