NHE-6 Rabbit pAb

CatalogNo: YT3117

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,ELISA

MW
- 75kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-1:2000
ELISA 1:40000
Not yet tested in other applications.

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human SLC9A6. AA range:551-600
Specificity	NHE-6 Polyclonal Antibody detects endogenous levels of NHE-6 protein.

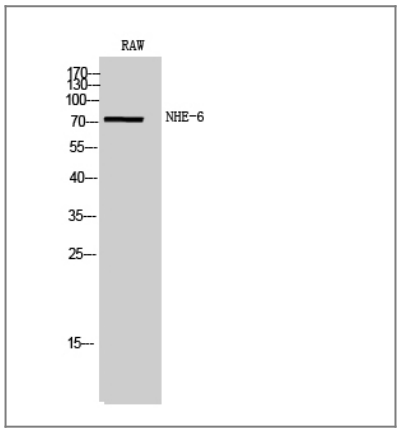
Target Information

Gene name	SLC9A6
Protein Name	Sodium/hydrogen exchanger 6

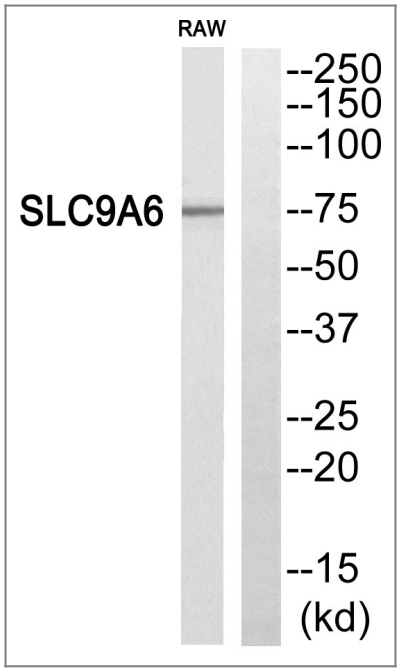
Organism	Gene ID	UniProt ID
Human	10479;	Q92581;

Cellular Localization	Endosome membrane ; Multi-pass membrane protein . Is present in the recycling compartments including early and recycling endosomes, and only appears transiently on the plasma membrane.; [Isoform 2]: Recycling endosome membrane ; Multi-pass membrane protein .
Tissue specificity	Ubiquitous; but is most abundant in mitochondrion-rich tissues such as brain, skeletal muscle and heart.
Function	Caution:Was initially identified as a mitochondrial inner membrane protein (PubMed:9507001), but was later shown to be localized in early and recycling endosomes and not mitochondria (PubMed:11940519).,Disease:Defects in SLC9A6 are the cause of mental retardation syndromic X-linked Christianson type (MRXSC) [MIM:300243]; also known as MRXS-Christianson or X-linked Angelman-like syndrome. The phenotype is characterized by profound mental retardation, epilepsy, ataxia, and microcephaly, and showed phenotypic overlap with Angelman syndrome.,Function:Electroneutral exchange of protons for Na(+) and K(+) across the early and recycling endosome membranes. Contributes to calcium homeostasis.,similarity:Belongs to the monovalent cation:proton antiporter 1 (CPA1) transporter (TC 2.A.36) family.,subcellular location:Is present in the recycling compartments including early and recycling endosomes, and only appears transiently on the plasma membrane.,tissue specificity:Ubiquitous; but is most abundant in mitochondrion-rich tissues such as brain, skeletal muscle and heart.,

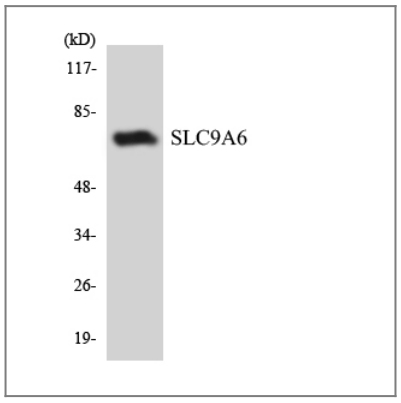
Validation Data



Western Blot analysis of RAW cells using NHE-6 Polyclonal Antibody



Western blot analysis of SLC9A6 Antibody. The lane on the right is blocked with the SLC9A6 peptide.



Western blot analysis of the lysates from COLO205 cells using SLC9A6 antibody.

Contact information

Orders:	order@immunoway.com
Support:	tech@immunoway.com
Telephone:	877-594-3616 (Toll Free), 408-747-0185
Website:	http://www.immunoway.com
Address:	2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
NHE-6 Rabbit pAb