

**Anti-SLC44A4 Reference Antibody (ASG-5ME)
Recombinant Antibody
Catalog # APR10211****Specification**

Anti-SLC44A4 Reference Antibody (ASG-5ME) - Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	Q53GD3
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	155.4 KDa

Anti-SLC44A4 Reference Antibody (ASG-5ME) - Additional Information**Target/Specificity**
SLC44A4**Endotoxin**
< 0.001EU/ µg,determined by LAL method.**Conjugation**
Unconjugated**Expression system**
CHO Cell**Format**
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.**Anti-SLC44A4 Reference Antibody (ASG-5ME) - Protein Information****Name** SLC44A4 ([HGNC:13941](#))**Function**
Choline transporter that plays a role in the choline- acetylcholine system and is required to the efferent innervation of hair cells in the olivocochlear bundle for the maintenance of physiological function of outer hair cells and the protection of hair cells from acoustic injury (By similarity) (PubMed:23651124, PubMed:28013291). Also described as a thiamine pyrophosphate transporter in colon, may mediate the absorption of microbiota- generated thiamine pyrophosphate and contribute to host thiamine (vitamin B1) homeostasis (PubMed:24379411, PubMed:26741288).**Cellular Location**

Membrane; Multi-pass membrane protein. Apical cell membrane

Tissue Location

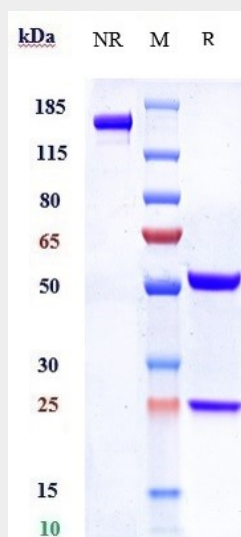
Highly expressed in colon, also detected in prostate, trachea and lung (PubMed:24379411).
Isoform 3 is also expressed in colon but a lower levels (PubMed:24379411)

Anti-SLC44A4 Reference Antibody (ASG-5ME) - Protocols

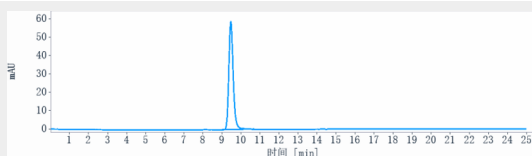
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SLC44A4 Reference Antibody (ASG-5ME) - Images



Anti-SLC44A4 Reference Antibody (ASG-5ME) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-SLC44A4 Reference Antibody (ASG-5ME) is more than 95%, determined by SEC-HPLC.