

Anti-ZNT2 Antibody

Catalog # ABV11926

Product Information

Application	WB, IHC
Primary Accession	Q9BRI3
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	40564

Additional Information

Gene ID	7780
Positive Control	WB: HeLa, RAW264.7, PC12 cell lystae; IHC: human lung cancer
Application & Usage	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200
Other Names	ZNT2, Zinc transporter 2, ZnT-2, Solute carrier family 30 member 2
Target/Specificity	SLC30A2
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-ZNT2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

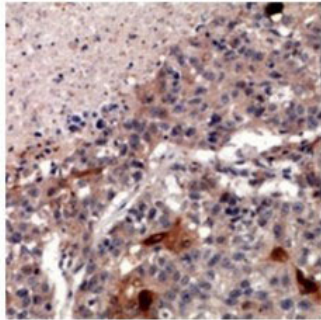
Protein Information

Name	SLC30A2 (HGNC:11013)
Function	[Isoform 1]: Electroneutral proton-coupled antiporter concentrating zinc ions into a variety of intracellular organelles including endosomes, zymogen granules and mitochondria. Thereby, plays a crucial role in cellular zinc homeostasis to confer upon cells protection against its potential cytotoxicity (PubMed: 17065149 , PubMed: 21289295 , PubMed: 22733820 , PubMed: 25657003 , PubMed: 25808614 , PubMed: 30893306). Regulates the zinc concentration of milk, through the transport of zinc ions into secretory vesicles of mammary cells (PubMed: 19496757). By concentrating zinc ions into lysosomes participates to lysosomal-mediated cell death during early mammary gland involution (PubMed: 25808614).

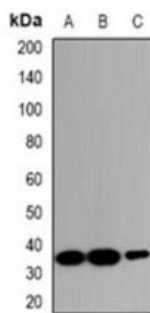
Cellular Location

[Isoform 1]: Cytoplasmic vesicle, secretory vesicle membrane; Multi-pass membrane protein. Zymogen granule membrane {ECO:0000250|UniProtKB:Q2HJ10}; Multi-pass membrane protein. Endosome membrane; Multi-pass membrane protein. Lysosome membrane; Multi-pass membrane protein. Mitochondrion inner membrane; Multi-pass membrane protein. Note=Localization to lysosomes is induced by TNF

Images



Immunohistochemical analysis of ZNT2 staining in human lung cancer formalin fixed paraffin embedded tissue section.



WB analysis of ZNT2 expression in HeLa (A); RAW264.7 (B); PC12 (C) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.