

## ARG59780 anti-SLC39A7 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SLC39A7
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SLC39A7
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 235-380 of Human SLC39A7 (NP_008910.2).
Conjugation	Un-conjugated
Alternate Names	HKE4; Really interesting new gene 5 protein; RING5; H2-KE4; Solute carrier family 39 member 7; D6S115E; Zinc transporter SLC39A7; D6S2244E; KE4; ZIP7; Zrt-, Irt-like protein 7; Histidine-rich membrane protein Ke4

### Application Instructions

Application table	Application	Dilution
	WB	1:1000 - 1:3000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	HeLa and A431	
Observed Size	50 kDa	

### Properties

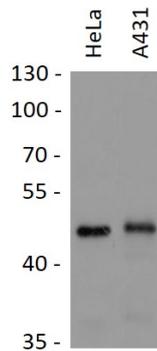
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Gene Symbol	SLC39A7
Gene Full Name	solute carrier family 39 (zinc transporter), member 7
Background	The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Function	Zinc transporter, that transports Zn(2+) from the endoplasmic reticulum/Golgi apparatus to the cytosol. Transport is stimulated by growth factors, such as EGF, and Ca(2+), as well as by exogenous Zn(2+). [UniProt]
Calculated Mw	50 kDa
PTM	Rapidly phosphorylated by CK2 following Zn(2+) treatment. This phosphorylation is required for efficient cytosolic Zn(2+) release. [UniProt]
Cellular Localization	Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus, cis-Golgi network membrane. [UniProt]

## Images



ARG59780 anti-SLC39A7 antibody WB image

Western blot: 25 µg of HeLa and A431 cell lysates stained with ARG59780 anti-SLC39A7 antibody at 1:1000 dilution.