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## Datasheet for ABIN1421652 anti-SLC39A11 antibody (Cy5)



Overview	
Quantity:	100 μL
Target:	SLC39A11
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC39A11 antibody is conjugated to Cy5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))
Product Details	
Immunogen:	KLH conjugated synthetic peptide derived from human SLC39A11
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.
Target Details	
Target:	SLC39A11
Alternative Name:	SLC39A11 (SLC39A11 Products)
Background:	Synonyms: C17orf26, S39AB_HUMAN, SLC39A11, Solute carrier family 39 metal ion transporter
	member 11, Solute carrier family 39 member 11, Zinc transporter ZIP11, ZIP-11, ZIP11, Zrt and
	Irt like protein 11, Zrt- and Irt-like protein 11.
	Background: Zinc is an essential cofactor that is involved in cell growth and development, as

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well as in protein, nucleic acid and lipid metabolism. The transport of zinc across the cell membrane is crucial for correct enzyme and overall cell function. SLC39A11 (solute carrier family 39 (metal ion transporter), member 11), also known as ZIP11 (Zrt- and Irt-like protein 11), is a 342 amino acid multi-pass membrane protein belonging to the ZIP transporter family. Expressed as multiple alternatively spliced isoforms, SLC39A11 acts as a zinc-influx transporter	
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Expressed as multiple alternatively spliced isoforms, SLC39A11 acts as a zinc-influx transporter	
Expressed as multiple alternatively spliced isoforms, SLC39A11 acts as a zinc-influx transporter and is encoded by a gene located on human chromosome 17, which comprises over 2.5 % of the human genome and encodes over 1,200 genes, some of which are involved in tumor suppression and in the pathogenesis of Li-Fraumeni syndrome, early onset breast cancer and a	
	predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes.
	201266
IF(IHC-P) 1:50-200	
For Research Use only	
Liquid	
1 μg/μL	
Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
ProClin	
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
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handled by trained staff only.	
handled by trained staff only. -20 °C	