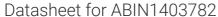
antibodies - online.com





anti-SLC39A11 antibody (Alexa Fluor 488)



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Overview		
Quantity:	100 μL	
Target:	SLC39A11	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC39A11 antibody is conjugated to Alexa Fluor 488	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human SLC39A11	
Isotype:	IgG	
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	

Irt like protein 11, Zrt- and Irt-like protein 11.

member 11, Solute carrier family 39 member 11, Zinc transporter ZIP11, ZIP-11, ZIP11, Zrt and

Background: Zinc is an essential cofactor that is involved in cell growth and development, as

Target Details

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 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.

Gene ID:

201266

Application Details

Application Notes:	IF(IHC-P) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	