

## SLC43A1 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08354
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human LAT3. AA range:231-280
<b>Mol wt</b>	61477
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	SLC43A1 Antibody
<b>Synonyms</b>	SLC43A1; LAT3; PB39; POV1; Large neutral amino acids transporter small subunit 3; L-type amino acid transporter 3; Prostate cancer overexpressed gene 1 protein; Solute carrier family 43 member 1

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

SLC43A1 belongs to the system L family of plasma membrane carrier proteins that transports large neutral amino acids (Babu et al. 2003 [PubMed 12930836]). supplied by OMIM, Mar 2008]SLC43A1 (Solute Carrier Family 43 Member 1) is a Protein Coding gene. Diseases associated with SLC43A1 include prostate cancer. Among its related pathways are Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds. Gene Ontology (GO) annotations related to this gene include neutral amino acid transmembrane transporter activity and L-amino acid transmembrane transporter activity. An important paralog of this gene is ENSG00000254979. Sodium-independent, high affinity transport of large neutral amino acids. Has narrower substrate selectivity compared to SLC7A5 and SLC7A8 and mainly transports branched-chain amino acids and phenylalanine. Plays a role in the development of human prostate cancer, from prostatic intraepithelial neoplasia to invasive prostate cancer.

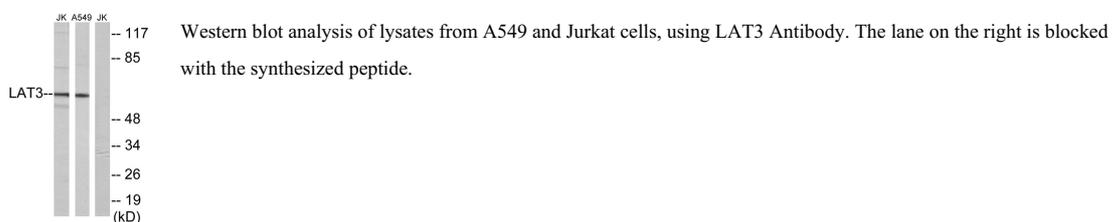
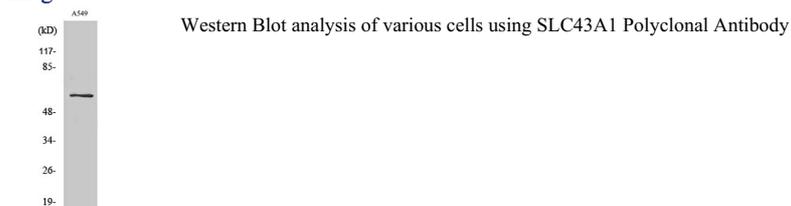
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

### Images



## Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)