

DNAxPAb

Hard-to-Find
Antibody

SLC7A7 DNAxPab

Catalog # H00009056-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human SLC7A7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — SLC7A7

Entrez GeneID	9056
GeneBank Accession#	BC003062.2
Protein Accession#	AAH03062.1
Gene Name	SLC7A7
Gene Alias	LAT3, LPI, MOP-2, Y+LAT1, y+LAT-1
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7
Omim ID	222700 603593
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the light subunit of a cationic amino acid transporter. This sodium-independent transporter is formed when the light subunit encoded by this gene dimerizes with the heavy subunit transporter protein SLC3A2. This transporter is found in epithelial cell membranes where it transfers cationic and large neutral amino acids from the cell to the extracellular space. Defects in this gene are a cause of lysinuric protein intolerance (LPI). Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000164491 OTTHUMP00000164492 OTTHUMP00000164494 monocyte amino acid permease 2 solute carrier family 7 member 7 y(+)L-type amino acid transporter 1

Disease

- [Kidney Failure](#)
- [Tobacco Use Disorder](#)