



# LAT1 rabbit pAb

Cat No.:ES19502

For research use only

## Overview

<b>Product Name</b>	LAT1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	WB 1:1000-2000
<b>Immunogen</b>	Synthesized peptide derived from human LAT1 AA range: 145-195
<b>Specificity</b>	This antibody detects endogenous levels of human LAT1
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Large neutral amino acids transporter small subunit 1 (4F2 light chain) (4F2 LC) (4F2LC) (CD98 light chain) (Integral membrane protein E16) (L-type amino acid transporter 1) (hLAT1) (Solute carrier fa
<b>Gene Name</b>	SLC7A5 CD98LC LAT1 MPE16
<b>Cellular localization</b>	Apical cell membrane ; Multi-pass membrane protein . Cell membrane ; Multi-pass membrane protein . Lysosome membrane ; Multi-pass membrane protein . Located to the plasma membrane by SLC3A2/4F2hc (PubMed:9751058). Localized to the apical membrane of placental syncytiotrophoblastic cells (PubMed:11742812). Recruited to lysosomes by LPTM4B (PubMed:25998567). Expressed in both luminal and abluminal membranes of brain capillary endothelial cells (By similarity). .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml





**ELK Biotechnology**

**Observed band**

**Human Gene ID** 8140

**Human Swiss-Prot Number** Q01650

**Alternative Names**

**Background**



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