

## LAT1 / SLC7A5 antibody [HL2353]

## Cat. No. GTX638556

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

## Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

**Observed MW (kDa)** 36-42, 45 kDa.

**Product Note** This antibody was raised against human LAT1 / SLC7A5 Intracellular domain.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the Intracellular domain of human LAT1 / SLC7A5. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated



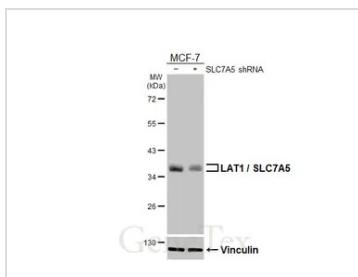
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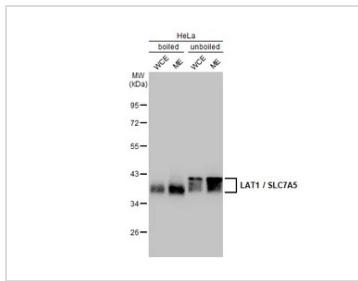
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

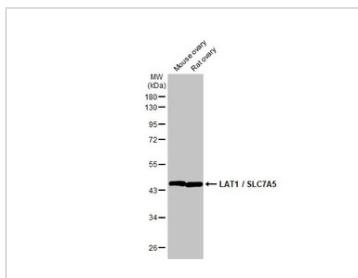
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**DATA IMAGES****GTX638556 WB Image**

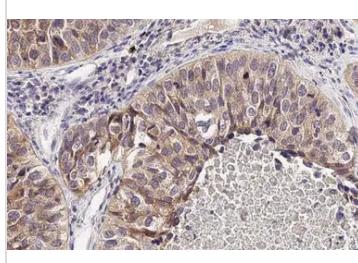
Non-transfected (-) and transfected (+) MCF-7 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with LAT1 / SLC7A5 antibody [HL2353] (GTX638556) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX638556 WB Image**

Boiled and unboiled HeLa whole cell and membrane extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with LAT1 / SLC7A5 antibody [HL2353] (GTX638556) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract)

**GTX638556 WB Image**

Various tissue extracts (50 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with LAT1 / SLC7A5 antibody [HL2353] (GTX638556) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

**GTX638556 IHC-P Image**

LAT1 / SLC7A5 antibody [HL2353] detects LAT1 / SLC7A5 protein at cell membrane by immunohistochemical analysis.

Sample: Paraffin-embedded human lung cancer.

LAT1 / SLC7A5 stained by LAT1 / SLC7A5 antibody [HL2353] (GTX638556) diluted at 1:100.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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