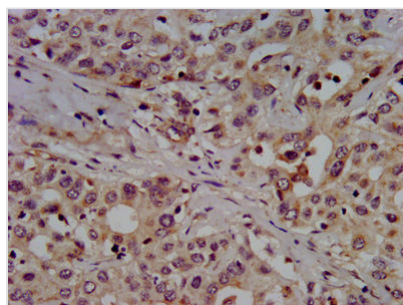




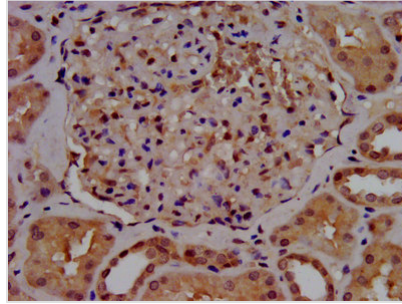
# SLC7A1 Antibody

|                            |                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA021709LA01HU                                                                                                                                                                                                                                           |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                |
| <b>Uniprot No.</b>         | P30825                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | Recombinant Human High affinity cationic amino acid transporter 1 protein (430-492AA)                                                                                                                                                                        |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                       |
| <b>Species Reactivity</b>  | Human                                                                                                                                                                                                                                                        |
| <b>Tested Applications</b> | ELISA, IHC, IF; Recommended dilution: IHC:1:500-1:1000, IF:1:50-1:200                                                                                                                                                                                        |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                       |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                               |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4                                                                                                                                                                             |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                     |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                          |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                   |
| <b>Alias</b>               | High affinity cationic amino acid transporter 1 (CAT-1) (CAT1) (Ecotropic retroviral leukemia receptor homolog) (Ecotropic retrovirus receptor homolog) (Solute carrier family 7 member 1) (System Y+ basic amino acid transporter), SLC7A1, ATRC1 ERR REC1L |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                                                                                                                                                         |
| <b>Research Area</b>       | Neuroscience                                                                                                                                                                                                                                                 |
| <b>Target Names</b>        | SLC7A1                                                                                                                                                                                                                                                       |

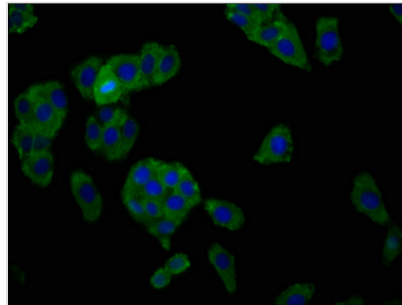
## Image



IHC image of CSB-PA021709LA01HU diluted at 1:500 and staining in paraffin-embedded human liver cancer performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of CSB-PA021709LA01HU diluted at 1:500 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence staining of HepG2 cells with CSB-PA021709LA01HU at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).