

## Anti-OGT antibody (510-699) (STJ24862)

### GENERAL INFORMATION

|               |                       |
|---------------|-----------------------|
| Product Type  | Primary antibodies    |
| Applications  | WB/IHC-P/IF/ICC/ELISA |
| Host / Source | Rabbit                |
| Reactivity    | Human/Mouse/Rat       |

### PRODUCT PROPERTIES

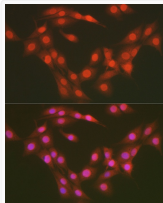
|                     |   |
|---------------------|---|
| Clonality           | Polyclonal  |
| Concentration       | Lot specific  |
| Conjugation         | Unconjugated  |
| Purification        | Affinity purification   |
| Dilution Range      | WB:1:1000-1:5000<br>IHC-P:1:50-1:200<br>IF/CC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.  |
| Isotype             | IgG   |
| Molecular Weight    | Protein Mw: 117kDa<br>Observed Mw: 110kDa/120kDa  |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.  |

### TARGET INFORMATION

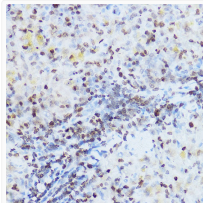
|                    |   |
|--------------------|---|
| Gene ID            | <a href="#">8473</a>  |
| Gene Symbol        | <a href="#">OGT</a>   |
| UniProt ID         | <a href="#">OGT1_HUMAN</a>  |
| Immunogen Region   | 510-699   |
| Immunogen Sequence | SMLYPLSHGFRKAI AERHGN LCLDKINVLHKPPYEHKDL KLSDGRLRVGYVSSDFGNHP<br>TSHLMQSPGMMHNPDKFEVF CYALSPDDGTNFRVKVMAEA NHFIDLSQIPCNNGKAADRIH<br>QDGIHILVMNMGYTKGARNE LFALRPAPIQAMWLGYPGTS GALFMDYIITDQETSPA EVA EQYSEKLAYM |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 510-699 of human OGT (NP_858058.1).   |

### ADDITIONAL INFORMATION

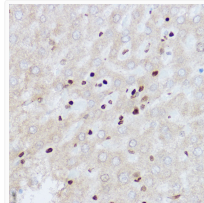
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



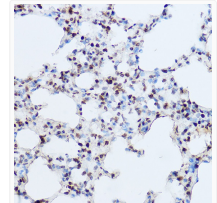
Immunofluorescence analysis of PC-12 cells using OGT Rabbit polyclonal antibody (STJ24862) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



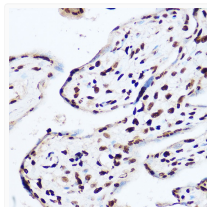
Immunohistochemistry analysis of OGT in paraffin-embedded rat spleen using OGT Rabbit polyclonal antibody (STJ24862) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



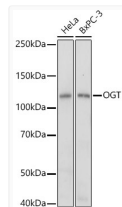
Immunohistochemistry analysis of OGT in paraffin-embedded rat liver using OGT Rabbit polyclonal antibody (STJ24862) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



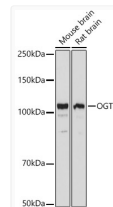
Immunohistochemistry analysis of OGT in paraffin-embedded mouse lung using OGT Rabbit polyclonal antibody (STJ24862) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of OGT in paraffin-embedded human placenta using OGT Rabbit polyclonal antibody (STJ24862) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using OGT Rabbit polyclonal antibody (STJ24862) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using OGT Rabbit polyclonal antibody (STJ24862) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.