

## Anti-UGT1A1 antibody (1-200) (STJ26036)

STJ26036

### GENERAL INFORMATION

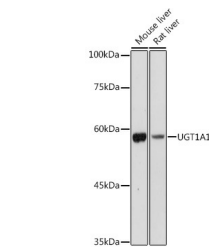
|                          |                       |
|--------------------------|-----------------------|
| <b>Product Type</b>      | Primary antibodies    |
| <b>Short Description</b> |                       |
| <b>Applications</b>      | WB/IHC-P/IF/ICC/ELISA |
| <b>Host/Source</b>       | Rabbit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

### PRODUCT PROPERTIES

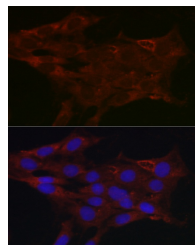
|                      |                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                                                                      |
| <b>Clone ID</b>      |                                                                                                                                                                                 |
| <b>Concentration</b> | Lot specific                                                                                                                                                                    |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                    |
| <b>Purification</b>  | Affinity purification                                                                                                                                                           |
| <b>Dilution</b>      | WB:1:500-1:1000                                                                                                                                                                 |
| <b>Range</b>         | IHC-P:1:50-1:200<br>IF/ICC:1:50-1:200<br>ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                              |
| <b>Isotype</b>       | IgG                                                                                                                                                                             |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                                  |
| <b>Instruction</b>   |                                                                                                                                                                                 |

### TARGET INFORMATION

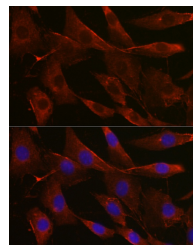
|                           |                                                                                                                                                                                                                 |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 54658                                                                                                                                                                                                           |
| <b>Gene Symbol</b>        | UGT1A1                                                                                                                                                                                                          |
| <b>Uniprot ID</b>         | UD11_HUMAN                                                                                                                                                                                                      |
| <b>Immunogen</b>          |                                                                                                                                                                                                                 |
| <b>Immunogen Region</b>   | 1-200                                                                                                                                                                                                           |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human UGT1A1 (NP_000454.1).                                                                                              |
| <b>Immunogen Sequence</b> | MAVESQGGRLVLGLLLCVL GPVVSAGKILLIPVDGSHW LSMLGAIQQLQQRGHEIVL APDASLYIRDGAFYTLKTYP VPFQREDVKESFVSLGHNVF ENDSFLQRVIKTYKKIKKDS AMLLSGCSHLLHNKELMASL AESSFDVMLTDPFLPCSPIV AQYLSLPTVFFLHALPCSLE FEATQCPNPFYSYVPRPLSSH |



Western blot analysis of extracts of various cell lines, using UGT1A1 antibody (STJ26036) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25  $\mu$ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 180s.



Immunofluorescence analysis of C6 cells using UGT1A1 rabbit polyclonal antibody (STJ26036) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using UGT1A1 rabbit polyclonal antibody (STJ26036) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.