

Anti-UGT1A1 antibody (1-200) (STJ27947)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

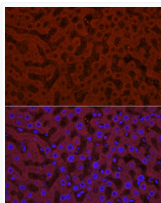
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 60kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

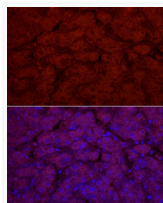
Gene ID	54658
Gene Symbol	UGT1A1
UniProt ID	UD11_HUMAN
Immunogen Region	1-200
Immunogen Sequence	MAVESQGGRLVLGLLLCVL GPVVSHAGKILLIPVDGSHW LSMLGAIQQLQQRGHEIVVL APDASLYIRDGAFYTLKTYP VPFQREDVKESFVSLGHNVF ENDSFLQRVIKTYKKIKKDS AMLLSGCSHLLHNKELMASL AESSFDVMLTDPFLPCSPIV AQYLSLPTVFFLHALPCSLE FEATQCPNPFVPRPLSSH
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human UGT1A1 (NP_000454.1).

ADDITIONAL INFORMATION

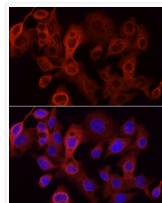
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



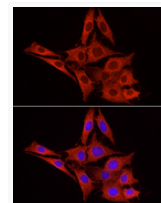
Immunofluorescence analysis of rat liver cells using UGT1A1 Rabbit polyclonal antibody (STJ27947) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



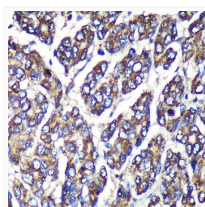
Immunofluorescence analysis of human liver cells using UGT1A1 Rabbit polyclonal antibody (STJ27947) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



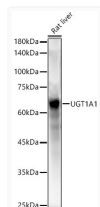
Immunofluorescence analysis of HepG2 cells using UGT1A1 Rabbit polyclonal antibody (STJ27947) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using UGT1A1 Rabbit polyclonal antibody (STJ27947) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using UGT1A1 Rabbit polyclonal antibody (STJ27947) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of Rat liver, using UGT1A1 antibody (STJ27947) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s.