

Anti-CYP2E1 antibody (234-493) (STJ23323)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

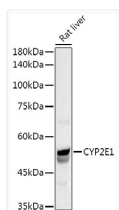
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 57kDa Observed Mw: 55kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

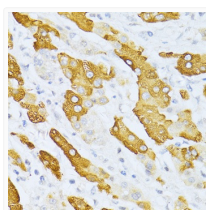
Gene ID	1571
Gene Symbol	CYP2E1
UniProt ID	CP2E1_HUMAN
Immunogen Region	234-493
Immunogen Sequence	KVIKNVAEVKEYVSRVKEH HQSLDPNCPRLDTCLLVEM EKEKHSARLYTMDGITVT ADLFFAGTETTTSTTLRYGLL ILMKYPEIEEKLHEEIDRVI GPSRIPAIKDRQEMPYMDAV VHEIQRFITLVPSNLPHEAT RDTIFRGYLIPKGTVVVPTL DSVLYDNQEFDPPEKFKPEH FLNENGKFKYSDFYKPFSTG KRVCCAGEGLARMELFLLCA ILQHFNLKPLVDPKDIDLS
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 234-493 of human CYP2E1 (NP_000764.1).

ADDITIONAL INFORMATION

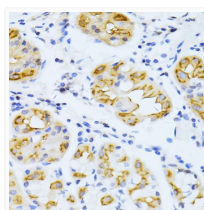
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



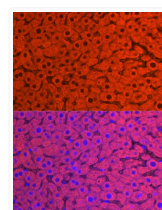
Western blot analysis of extracts of Rat liver, using CYP2E1 rabbit polyclonal antibody (STJ23323) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 0. 5s.



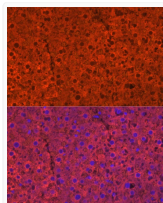
Immunohistochemistry analysis of paraffin-embedded human liver cancer using CYP2E1 antibody (STJ23323) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using CYP2E1 antibody (STJ23323) 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.



Immunofluorescence analysis of mouse liver cells using CYP2E1 rabbit polyclonal antibody (STJ23323) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat liver cells using CYP2E1 rabbit polyclonal antibody (STJ23323) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.