

Anti-CYP3A4 antibody (Internal) (STJ70897)

STJ70897

GENERAL INFORMATION

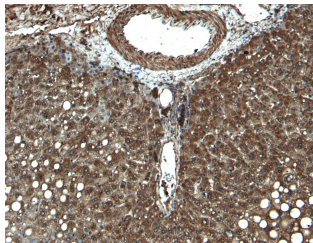
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|--------------------------|--|
| Product Type | Primary antibodies |
| Short Description | Goat polyclonal antibody anti-CYP3A4 (Internal) is suitable for use in ELISA, Immunohistochemistry and Flow Cytometry research applications. |
| Applications | Pep-ELISA/IHC/FC |
| Host/Source | Goat |
| Reactivity | Human |

PRODUCT PROPERTIES

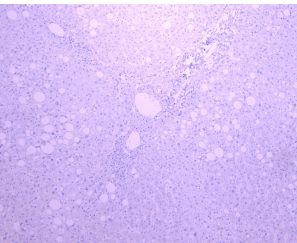
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| Clonality | Polyclonal |
| Clone ID | |
| Concentration | 0.5 mg/mL |
| Conjugation | Unconjugated |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Dilution Range | Peptide ELISA: antibody detection limit dilution 1:8000. IHC: Paraffin embedded Human Liver. Recommended concentration: 5-7 µg/ml. FC: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10 µg/ml. |
| Formulation | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA |
| Isotype | IgG |
| Storage | Store at -20°C on receipt and minimise freeze-thaw cycles. |
| Instruction | |

TARGET INFORMATION

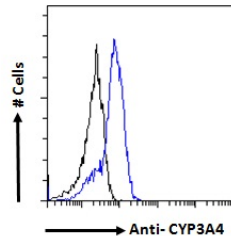
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| Gene ID | 1576 |
| Gene Symbol | CYP3A4 |
| Uniprot ID | CP3A4_HUMAN |
| Immunogen | |
| Immunogen Region | Internal |
| Specificity | This antibody is expected to recognise both reported isoforms (NP_059488.2; NP_001189784.1) and it is not expected to cross-react with 3A5, 3A7 or 3A43. |
| Immunogen Sequence | KESRLEDTQKHR |



STJ70897 (5 µg/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



STJ70897 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.



STJ70897 Flow cytometric analysis of paraformaldehyde fixed HepG2 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used for diagnostic or other medical purposes.

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