

Anti-cytochrome P450 1A1 antibody (Internal) (STJ73328)

STJ73328

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-cytochrome P450 1A1 (Internal) is suitable for use in ELISA and Western Blot research applications.
Applications	Pep-ELISA/WB
Host/Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

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 1:128000. WB: Approx 85-90kDa band observed in lysates of cell lines A549 and MCF7 (calculated MW of 58.2kDa according to NP_000490.1). This molecular weight is routinely observed by other sources.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	1543
Gene Symbol	CYP1A1
Uniprot ID	CP1A1_HUMAN
Immunogen	
Immunogen Region	Internal
Specificity	This antibody is not expected to cross-react with the similar P450 1A2
Immunogen Sequence	CQEKQLDENANVQ



STJ73328 (0.3 µg/ml) staining of A549 (A) and MCF7 (B) lysates (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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