

Anti-cytochrome P450 1A1-Mouse antibody (Internal) (STJ72682)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/IHC
Host / Source	Goat
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

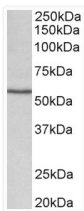
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 55kDa band observed in Human and Rat Lung lysates (calculated MW of 58.2kDa according to Human NP_000490.1 and 59.4kDa according to Rat NP_036672.). Primary incubation was 1 hour
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

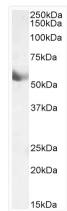
Immunogen Region	Internal
Immunogen Sequence	QDRKLDENANVQLSD
Specificity	This antibody is not expected to cross-react with the similar P450 1A2

ADDITIONAL INFORMATION

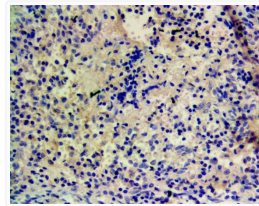
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



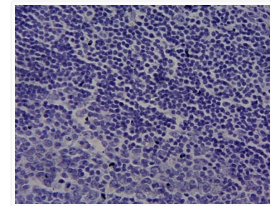
STJ72682 (0. 1µg/ml) staining of Rat Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



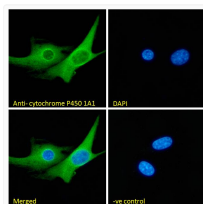
STJ72682 (0. 1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72682 Staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with Tris-EDTA pH 9, HRP-Staining (1:500)



STJ72682 Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



STJ72682 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).