

**Anti-FOXA1/HNF3A antibody (C-Term) (STJ70381)**  
STJ70381

**GENERAL INFORMATION**

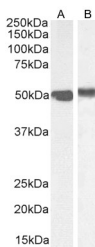
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-FOXA1/HNF3A (C-Term) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry research applications.
<b>Applications</b>	Pep-ELISA/WB/IF/FC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Pig/Cow

**PRODUCT PROPERTIES**

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 50kDa band observed in nuclear lysates of cell line HepG2 and approx 50-55kDa in Mouse Liver and in nuclear lysates of cell line MCF7 calculated MW of 49.1kDa according to Huma
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

**TARGET INFORMATION**

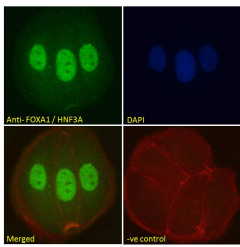
<b>Gene ID</b>	3169
<b>Gene Symbol</b>	FOXA1
<b>Uniprot ID</b>	FOXA1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	
<b>Immunogen Sequence</b>	GVYSRPLNTS



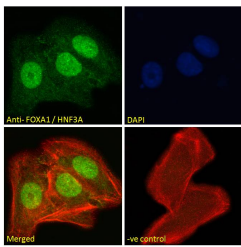
STJ70381 (0.1  $\mu$ g/ml) staining of HepG2 (A) and (0.3  $\mu$ g/ml) MCF7 (B) nuclear cell lysate (35  $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



STJ70381 (0.1  $\mu$ g/ml) staining of Mouse Liver lysate (35  $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



STJ70381 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10  $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2  $\mu$ g/ml), showing strong nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10  $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2  $\mu$ g/ml).



STJ70381 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10  $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2  $\mu$ g/ml), showing strong nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10  $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2  $\mu$ g/ml).