

Anti-SOX2 antibody (N-Term) (STJ73741)

STJ73741

GENERAL INFORMATION

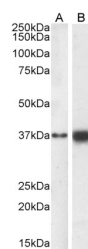
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-SOX2 (N-Term) is suitable for use in ELISA, Western Blot, Flow Cytometry and Immunohistochemistry research applications.
Applications	Pep-ELISA/WB/FC/IHC
Host/Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow

PRODUCT PROPERTIES

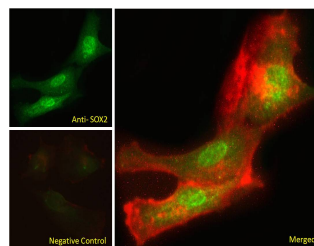
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 40kDa band observed in HEK293 and MCF7 cell lysates and in nuclear lysates of cell line MCF7 (calculated MW of 34.3kDa according to) NP_003097.1). This molecular weight is rout
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

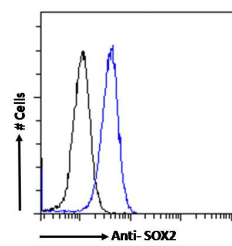
Gene ID	6657
Gene Symbol	SOX2
Uniprot ID	SOX2_HUMAN
Immunogen	
Immunogen Region	N-Term
Specificity	
Immunogen Sequence	YNMMETELKPPGPQQ



STJ73741 (0.3 µg/ml) staining of MCF7 nuclear (A) and U251 (B) cell lysate (5 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73741 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ73741 Flow cytometric analysis of paraformaldehyde fixed MCF7 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 as for diagnostic or other medical purposes.
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