Anti-SOX10 antibody (270-360) (STJ111355)

STJ111355

GENERAL INFORMATION

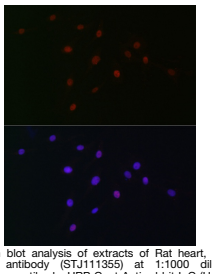
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

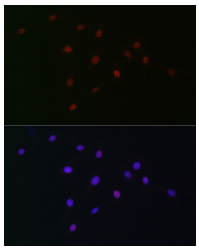
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

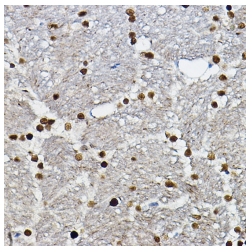
Gene ID	6663
Gene Symbol	SOX10
Uniprot ID	SOX10_HUMAN
Immunogen	
Immunogen Region	270-360
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 270-360 of human SOX10 (NP_008872.1).
Immunogen Sequence	HIDFGNVDIGEISHEVMSNM ETFDVAELDQYLPPNGHPGH VSSYSAAGYGLGSALAVASG HSAWISKPPGVALPTVSPPG VDAKAQVKTET



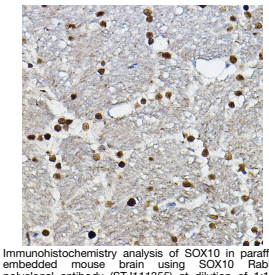
Western blot analysis of extracts of Rat heart, using SOX10 antibody (STJ111355) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of C6 cells using SOX10 Rabbit polyclonal antibody (STJ111355) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat brain using SOX10 rabbit polyclonal antibody (STJ111355) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of SOX10 in paraffin-embedded mouse brain using SOX10 Rabbit polyclonal antibody (STJ111355) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081