

Immunotag™ Phospho-SOX-9 (Ser181) Antibody

Antibody Specification	
Catalog No.	ITA1099
Product Description	Immunotag™ Phospho-SOX-9 (Ser181) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-SOX-9 (Ser181)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Chicken
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SOX-9 around the phosphorylation site of Serine 181
Specificity	Phospho-SOX-9 (Ser181) Antibody detects endogenous levels of SOX-9 only when phosphorylated at Serine 181
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SOX9
Accession No.	P48436

Antibody Specification

Alternate Names	campomelic dysplasia autosomal sex reversal; CMD 1; CMD1; CMPD 1; CMPD1; SOX 9; Sox9; SOX9_HUMAN; SRA 1; SRA1; SRXX2; SRXY10; SRY (sex determining region Y) box 9 (campomelic dysplasia autosomal; SRY (sex determining region Y) box 9; SRY (sex determining region Y)-box 9; SRY (sex-determining region Y)-box 9 protein; SRY related HMG box gene 9; Transcription factor SOX 9; Transcription factor SOX-9; transcription factor SOX9;
Description	Transcriptional regulator (PubMed:24038782). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with ZNF219 (By similarity). Plays a role in chondrocyte differentiation (By similarity). Important for normal skeletal development (PubMed:24038782).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	69kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.