

anti-Human, Mouse SOX-9 Antibody | anti-SOX-9 antibody

SOX-9 (Phospho-Ser181) Antibody

CATALOG # AAA111607	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	-----------------------------------	--

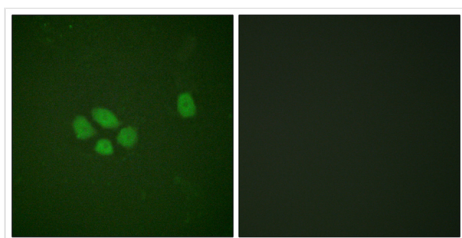
PRODUCT SYNONYMS

SOX-9; SOX-9 (Phospho-Ser181) Antibody; SRY sex determining region Y-box 9 protein; SRY-box containing gene 9; Sox-9; transcription factor SOX-9; anti-SOX-9 antibody

PRODUCT SPECIFICATIONS

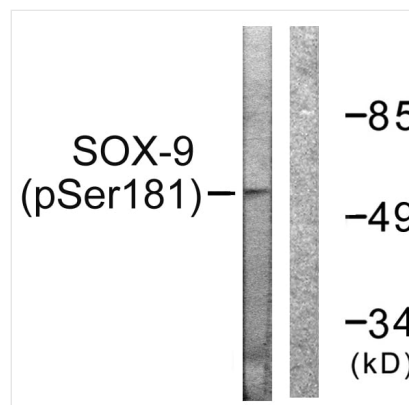
Reactivity	Human, Mouse
Specificity	SOX-9 (Phospho-Ser181) antibody detects endogenous levels of SOX-9 only when phosphorylated at serine 181.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	509
Applicable Applications for anti-SOX-9 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human SOX-9 around the phosphorylation site of serine 181 (R-K-SP-V-K).
All Sites	Human: Ser181 Mouse: Ser181
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



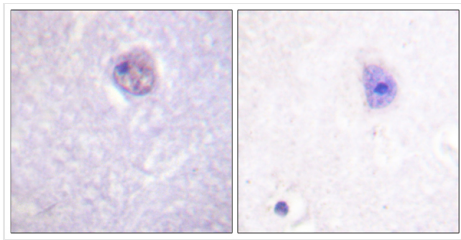
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of A549 cells, using SOX-9 (Phospho-Ser181) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using SOX-9 (Phospho-Ser181) antibody. Western blot analysis of extracts from 293 cells, treated with PBS (60mins), using SOX-9 (Phospho-Ser181) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-SOX-9 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	E. Kolettas, Rheumatology, Oct 2001; 40: 1146-1156. Céline J. Guigon, Endocrinology, Jul 2005; 146: 2992-3004. Andrea S. Cupp, Biol Reprod, Jun 2003; 68: 2033. Sang-Gu Hwang, J. Biol. Chem., Aug 2005; 280: 29780-29787.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557853
NCBI GeneID	6662
NCBI Accession #	NP_000337.1
NCBI GenBank Nucleotide #	NM_000346.3
UniProt Accession #	P48436; Q53Y80
Molecular Weight	56,137 Da
NCBI Official Full Name	transcription factor SOX-9
NCBI Official Synonym Full Names	SRY-box 9
NCBI Official Symbol	SOX9
NCBI Official Synonym Symbols	CMD1; SRA1; CMPD1; SRXX2; SRXY10
NCBI Protein Information	transcription factor SOX-9
UniProt Protein Name	Transcription factor SOX-9
UniProt Gene Name	SOX9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/sox-9/111607>