

Product datasheet for **TA349150**

SOX4 Rabbit Polyclonal Antibody

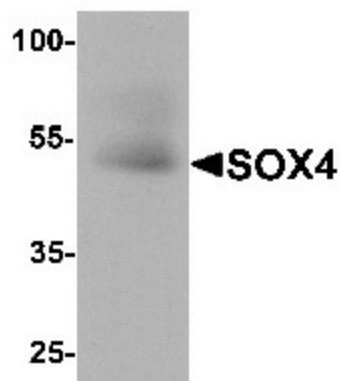
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SOX4 antibody was raised against a 16 amino acid peptide near the amino terminus of human SOX4.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	SOX4 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 52 kDa; Observed: 520 kDa
Gene Name:	SRY-box 4
Database Link:	NP_003098 Entrez Gene 6659 Human Q06945
Background:	SOX4 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate (1,2). It may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin) (3). SOX4 contains one HMG box DNA-binding domain and may function in the apoptosis pathway leading to cell death. It has also been suggested to play a role in tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development (4,5).
Synonyms:	HCERN3; PWCR; PWS; RT-LI; SM-D; sm-N; SMN; SNRNP-N; SNURF-SNRPN

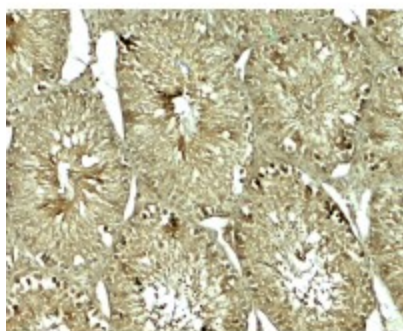


[View online »](#)

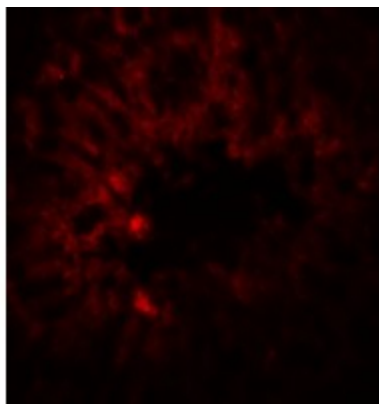
Product images:



Western blot analysis of SOX4 in human testis tissue lysate with SOX4 antibody at 1 ug/mL.



Immunohistochemistry of SOX4 in rat testis tissue with SOX4 antibody at 5 ug/mL.



Immunofluorescence of SOX4 in rat testis tissue with SOX4 antibody at 20 ug/mL.