

Product datasheet for **TA354599**

SOX4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to the c-terminus (from 720AA-755aa) of human sox6 protein. This sequence is identical in human, mouse, rat, bovine, canis and chicken species.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	SRY-box 4
Database Link:	NP_003098 Entrez Gene 6659 Human Q06945
Background:	SOX6 gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. SOX6 protein is a transcriptional activator that is specifically expressed in the developing central nervous system and in the early stages of chondrogenesis in mouse embryos. It is found to be essential to both cartilage formation/chondrogenesis and obesity-related insulin resistance. The SOX6 protein is also detected in glioma patient sera and brain tissues.
Synonyms:	EVI16
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Induced pluripotent stem cells, Stem cell relevant signaling - TGFb/BMP signaling pathway, Transcription Factors



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