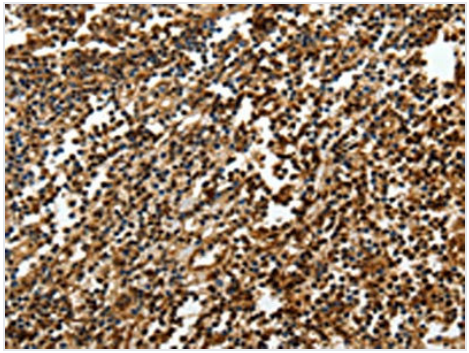
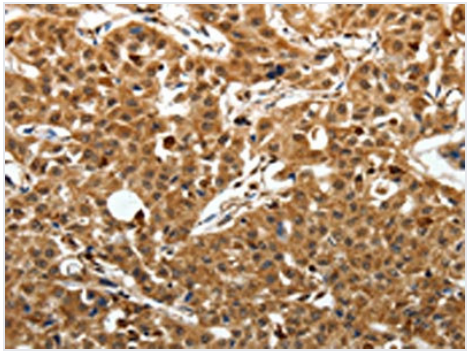
SOX13 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

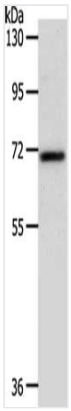
Product Name	SOX13, Polyclonal Antibody
Full Product Name	SOX13 Antibody
Product Gene Name	anti-SOX13 antibody
Product Synonym Names	SRY (sex determining region Y)-box 13
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	69,228 Da
OMIM	604748
3D Structure	ModBase 3D Structure for Q9UN79
Immunogen	Synthetic peptide of human SOX13
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-SOX13 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SOX13 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-SOX13 antibody	ELISA: 1:2000-1:5000 WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-SOX13 antibody	MBS7128191 is an antibody targeting SOX13. Also known as SOX13 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-SOX13 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-SOX13 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using MBS7128191(SOX13 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-SOX13 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using MBS7128191(SOX13 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)



SDS-Page of anti-SOX13 antibody
Gel: 10%SDS-PAGE, Lysate: 40 ug, Lane: Mouse liver tissue, Primary antibody: MBS7128191(SOX13 Antibody) at dilution 1/800, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SOX13. It may not necessarily be applicable to this product.

NCBI GI #	41406089
NCBI GeneID	9580
NCBI Accession #	NP_005677.2
UniProt Primary Accession #	Q9UN79
UniProt Secondary Accession #	O95275; O95826; Q3KQV7; Q5SXX1; Q9UHW7; B4E2B0
UniProt Related Accession #	Q9UN79
GenBank Nucleotide #	NM_005686.2
NCBI Official Full Name	transcription factor SOX-13
NCBI Official Synonym Full Names	SRY-box 13
NCBI Official Symbol	SOX13
NCBI Official Synonym Symbols	ICA12; Sox-13
UniProt Protein Name	Transcription factor SOX-13
UniProt Synonym Protein Names	Islet cell antigen 12; SRY (Sex determining region Y)-box 13; Type 1 diabetes autoantigen ICA12
Protein Family	Transcription factor

UniProt Gene Name	SOX13
UniProt Entry Name	SOX13_HUMAN
NCBI Protein Information	transcription factor SOX-13
NCBI Summary for SOX13	This gene encodes 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 cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12. [provided by RefSeq, Jul 2008]
UniProt Comments for SOX13	SOX13: Binds to the sequence 5'-AACAAT-3'. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 1q32 Cellular Component: nucleoplasm; nucleus Molecular Function: protein binding; sequence-specific DNA binding; transcription factor activity Biological Process: anatomical structure morphogenesis; regulation of gamma-delta T cell differentiation; regulation of transcription, DNA-dependent; transcription, DNA-dependent
Research Articles on SOX13	**1.** the interaction between Hhex and SOX13 may contribute to control Wnt/TCF1 signaling in the early embryo.
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