
Product Name: Sox-8/9/17/18 Rabbit Polyclonal Antibody**Catalog #: APRab18141**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	47kDa

Antigen Information

Gene Name	SOX8/9/17/18
Alternative Names	SOX8; Transcription factor SOX-8; SOX9; Transcription factor SOX-9; SOX17; Transcription factor SOX-17; SOX18; Transcription factor SOX-18
Gene ID	30812/6662/64321/54345
SwissProt ID	P57073/P48436/Q9H6I2/P35713
Immunogen	The antiserum was produced against synthesized peptide derived from human SOX8/9/17/18. AA range:116-165

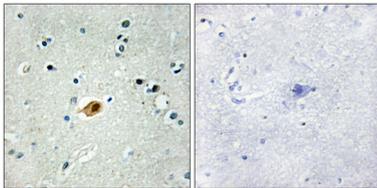
Background

SRY-box 8(SOX8) Homo sapiens 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 the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein may be involved in brain development and function. Haploinsufficiency for this protein may contribute to the mental retardation found in haemoglobin H-related mental retardation (ART-16 syndrome). [provided by RefSeq, Jul 2008],function:May play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3',.similarity:Contains 1 HMG box DNA-binding domain.,

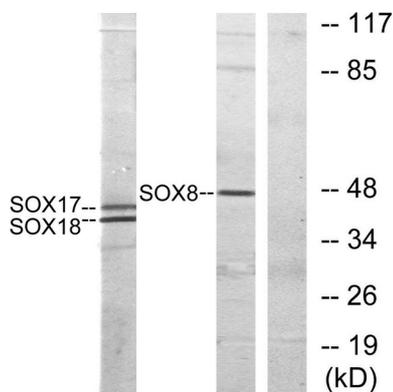
Research Area

WNT;WNT-T CELL;β-Catenin

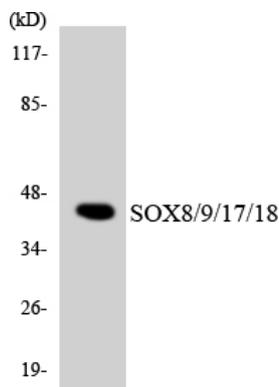
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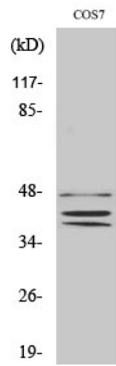
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SOX8/9/17/18 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COS7 cells, treated with serum 10% 30', using SOX8/9/17/18 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using SOX8/9/17/18 antibody.



Western Blot analysis of various cells using Sox-8/9/17/18 Polyclonal Antibody.