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SOX8 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16630c

Specification

SOX8 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P57073
Other Accession	NP_055402.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**47314**
Antigen Region	**225-253**

SOX8 Antibody (Center) - Additional Information

Gene ID 30812

Other Names
Transcription factor SOX-8, SOX8

Target/Specificity
This SOX8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-253 amino acids from the Central region of human SOX8.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SOX8 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SOX8 Antibody (Center) - Protein Information

Name SOX8 {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:11203}

Function Transcription factor that 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' (By similarity).

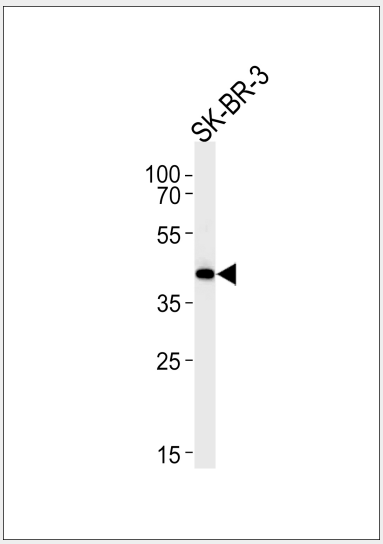
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

SOX8 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SOX8 Antibody (Center) - Images



SOX8 Antibody (Center) (Cat.# AP16630c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the SOX8 antibody detected the SOX8 protein (arrow).

SOX8 Antibody (Center) - Background

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).

SOX8 Antibody (Center) - References

Nonaka, D. Am. J. Clin. Pathol. 131(5):731-736(2009)

Hoff, S., et al. J. Comp. Neurol. 509(4):356-371(2008)
Wissmuller, S., et al. Nucleic Acids Res. 34(6):1735-1744(2006)
Schepers, G., et al. J. Biol. Chem. 278(30):28101-28108(2003)
Gevaert, K., et al. Nat. Biotechnol. 21(5):566-569(2003)