

**Anti-SOX8 Antibody**  
Catalog # AP54062

**Specification**

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**Anti-SOX8 Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P57073</a>
Other Accession	<a href="#">P48436</a> , <a href="#">Q9H6I2</a> , <a href="#">P35713</a>
Reactivity	<b>Human, Mouse, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>47314</b>

**Anti-SOX8 Antibody - Additional Information**

**Gene ID** 30812

**Other Names**

SOX8; Transcription factor SOX-8; SOX9; Transcription factor SOX-9; SOX17; Transcription factor SOX-17; SOX18; Transcription factor SOX-18

**Target/Specificity**

Recognizes endogenous levels of SOX8 protein.

**Dilution**

WB~~1/500 - 1/1000

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-SOX8 Antibody - 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**

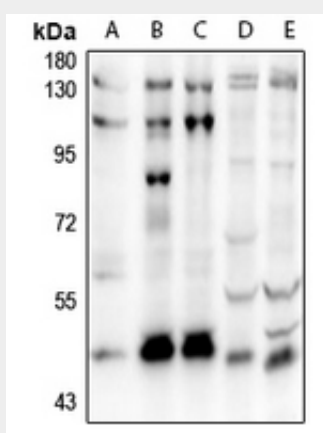
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

## Anti-SOX8 Antibody - Protocols

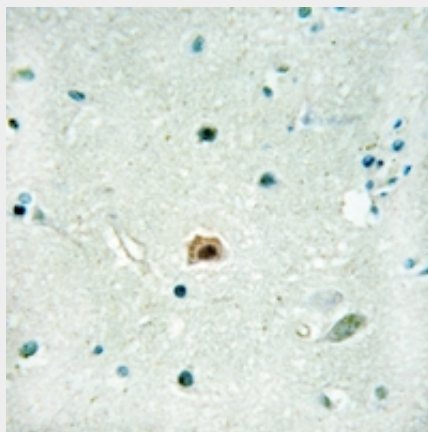
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-SOX8 Antibody - Images



Western blot analysis of SOX8 expression in HEK293T (A), HCT116 (B), HepG2 (C), PC12 (D), CT26 (E) whole cell lysates.



Immunohistochemical analysis of SOX8 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## Anti-SOX8 Antibody - Background

Rabbit polyclonal antibody to SOX8