10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-SOX8 Antibody

Catalog # AP54062

Product Information

Application	WB, IHC
Primary Accession	P57073
Other Accession	P48436, Q9H6I2, P35713
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Chicken
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47314

Additional Information

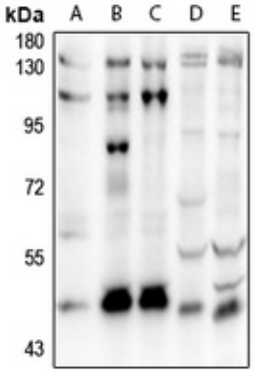
Gene ID	30812
Other Names	SOX8; Transcription factor SOX-8; SOX9; Transcription factor SOX-9; SOX17; Transcription factor SOX-17; SOX18; Transcription factor SOX-18
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SOX8. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IHC~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

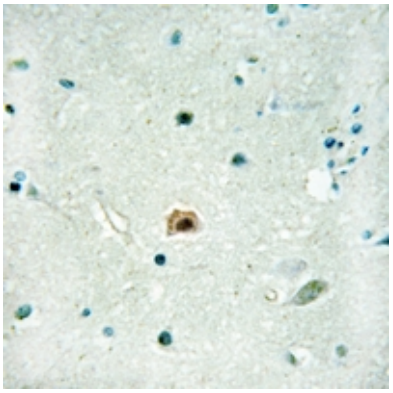
Name	SOX8 {ECO:0000303|Ref.1, ECO:0000312|HGNC:HGNC:11203}
Function	Transcription factor that may play a role in central nervous system, limb and facial development. May be involved in male sex determination. Binds the consensus motif 5'-[AT][AT]CAA[AT]G-3' (By similarity).
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00267}.

Images

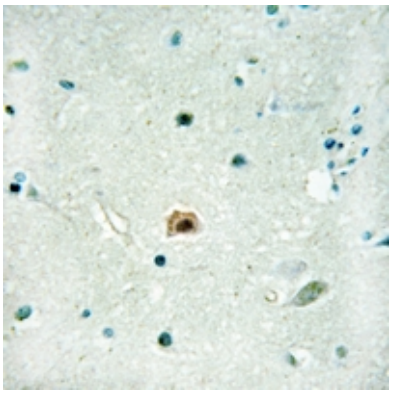
Western blot analysis of SOX8 expression in HEK293T (A), HCT116 (B), HepG2 (C), PC12 (D), CT26 (E) whole cell lysates. (Predicted band size: 47; 56; 44; 40 kD; Observed



band size: 47 kD)



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.



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.