

## Sox-12 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP08463
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human SOX12. AA range:71-120
<b>Mol wt</b>	34122
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Sox-12 Antibody
<b>Synonyms</b>	SOX12; SOX22; Transcription factor SOX-12; Protein SOX-22

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Members of the SOX family of transcription factors are characterized by the presence of a DNA-binding high mobility group (HMG) domain, homologous to the HMG box of sex-determining region Y (SRY). Forming a subgroup of the HMG domain superfamily, SOX proteins have been implicated in cell fate decisions in a diverse range of developmental processes. SOX transcription factors have diverse tissue-specific expression patterns during early development and have been proposed to act as target-specific transcription factors and/or as chromatin structure regulatory elements. The protein encoded by SOX12 (SRY-box 12) was identified as a SOX family member based on conserved domains, and its expression in various tissues suggests a role in both differentiation and maintenance of several cell types.

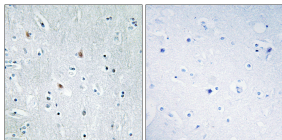
### Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using SOX12 Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year