

Sox-12 Polyclonal Antibody

Description

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

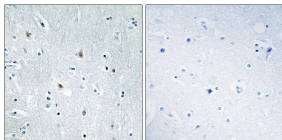
Recommended Dilution

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