

Max Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05250
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MAX. AA range:1-50
Mol wt	18275
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, ELISA
Concentration	1 mg/ml
Full name	Max Antibody
Synonyms	MAX; BHLHD4; Protein max; Class D basic helix-loop-helix protein 4; bHLHd4; Myc-associated factor X

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

Background

The protein encoded by MAX is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms provides a complex system of transcriptional regulation. Mutations of this gene have been reported to be associated with hereditary pheochromocytoma. A pseudogene of this gene is located on the long arm of chromosome 7. Alternative splicing results in multiple transcript variants.

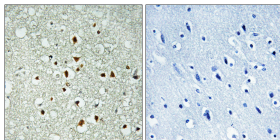
Recommended Dilution

IHC: 1: 100 - 1: 300

ELISA: 1: 10000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year