

# 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

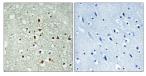
The protein encoded by MAX is a member of the basic helix-loop-helix leucine zipper (bHLHZ) family of transcription factors. It is able to form homodimers and heterodimers with other family members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation 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