

## Max (phospho Ser2) rabbit pAb

## Cat No.:ES6194

For research use only

## Overview

Product Name	Max (phospho Ser2) rabbit pAb
Host species	Rabbit
Applications	IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA:
	1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized
C	peptide derived from human MAX around the
	phosphorylation site of Ser2. AA range:1-50
Specificity	Phospho-Max (S2) Polyclonal Antibody detects
	endogenous levels of Max protein only when
	phosphorylated at S2.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and
	0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein max
Gene Name	MAX
Cellular localization	Nucleus. Cell projection, dendrite .
Purification	The antibody was affinity-purified from rabbit
	antiserum by affinity-chromatography using
	epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	4149
Human Swiss-Prot Number	P61244
Alternative Names	MAX; BHLHD4; Protein max; Class D basic
	helix-loop-helix protein 4; bHLHd4; Myc-associated
	factor X
Background	The protein encoded by this gene 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



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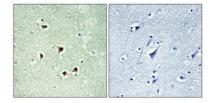
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members, which include Mad, Mxi1 and Myc. Myc is an oncoprotein implicated in cell proliferation, differentiation and apoptosis. The homodimers and heterodimers compete for a common DNA target site (the E box) and rearrangement among these dimer forms 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. [provided by RefSeq, Aug 2012],

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by



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