Elabscience®

MAX Polyclonal Antibody

Catalog No.	E-AB-60647	**Reactivity**	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,IF	**Isotype**	IgG

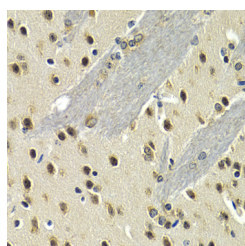**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Images
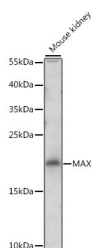
Western blot analysis of extracts of Mouse kidney using MAX Polyclonal Antibody at dilution of 1:500.
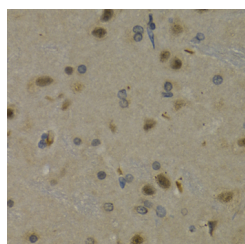
Immunohistochemistry of paraffin-embedded Rat brain using MAX Polyclonal Antibody at dilution of 1:200 (40x lens).

Immunohistochemistry of paraffin-embedded Mouse brain using MAX Polyclonal Antibody at dilution of 1:200 (40x lens).

Immunogen Information

Immunogen	Recombinant fusion protein of human MAX (NP_002373.3).
GeneID	4149
Swissprot	P61244
Synonyms	MAX,bHLHd4

Product Information

Calculated MW	9kDa/11kDa/12kDa/15kDa/17kDa/18kDa
Observed MW	19kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

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 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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.