

Datasheet for ABIN801890
anti-MAX antibody (pTyr123) (Biotin)



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Overview

Quantity:	100 µL
Target:	MAX
Binding Specificity:	pTyr123
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAX antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MAX protein around the phosphorylation site of Tyr123
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Horse
Purification:	Purified by Protein A.

Target Details

Target:	MAX
Alternative Name:	MAX protein (MAX Products)

Target Details

Background: Synonyms: bHLHd4, bHLHd5, bHLHd6, bHLHd7, bHLHd8, Class D basic helix-loop-helix protein 4, Helix loop helix zipper protein, MAX protein, MGC10775, MGC11225, MGC18164, MGC34679, MGC36767, Myc associated factor X, Myc-associated factor X, MAX_HUMAN, Myc binding novel HLH/LZ protein, Orf 1, Orf1, Protein max.

Background: MAX protein 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.

Gene ID: 4149

Pathways: [Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months