10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Max (phospho Ser2) Polyclonal Antibody
Catalog # AP67941

Specification

Max (phospho Ser2) Polyclonal Antibody - Product Information

Application	**IHC-P**
Primary Accession	P61244
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**

Max (phospho Ser2) Polyclonal Antibody - Additional Information

Gene ID 4149

Other Names
MAX; BHLHD4; Protein max; Class D basic helix-loop-helix protein 4; bHLHd4; Myc-associated factor X

Dilution
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

Max (phospho Ser2) Polyclonal Antibody - Protein Information

Name MAX (HGNC:6913)

Synonyms BHLHD4

Function
Transcription regulator. Forms a sequence-specific DNA- binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC:MAX complex is a transcriptional activator, whereas the MAD:MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity. Represses MYC transcriptional activity from E-box elements.

Cellular Location
Nucleus. Cell projection, dendrite.

Tissue Location
High levels found in the brain, heart and lung while lower levels are seen in the liver, kidney and skeletal muscle

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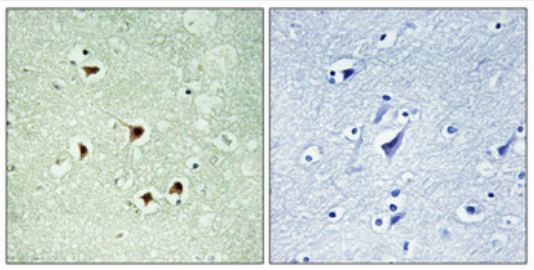
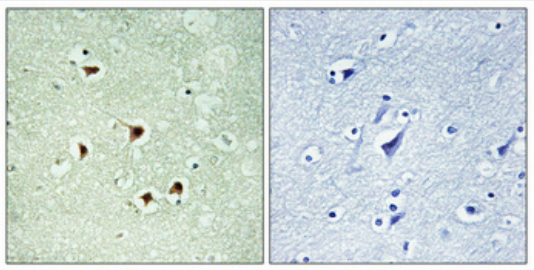
Max (phospho Ser2) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Max (phospho Ser2) Polyclonal Antibody - Images





Max (phospho Ser2) Polyclonal Antibody - Background

Transcription regulator. Forms a sequence-specific DNA- binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC:MAX complex is a transcriptional activator, whereas the MAD:MAX complex is a repressor. May repress transcription via the recruitment of a chromatin remodeling complex containing H3 'Lys-9' histone methyltransferase activity. Represses MYC transcriptional activity from E-box elements.