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Datasheet for ABIN3019515 anti-MAX antibody (pSer11)

3 Images



Overview

| Quantity: | 100 μL |
|----------------------|------------------------------------|
| Target: | MAX |
| Binding Specificity: | pSer11 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAX antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | A synthetic phosphorylated peptide around S11 of human MAX (NP_002373.3). |
|-------------------|---|
| Sequence: | VESDE |
| lsotype: | lgG |
| Cross-Reactivity: | Human |
| Characteristics: | Phosphorylated Antibodies |

Target Details

| Target: | MAX |
|-------------------|---|
| Alternative Name: | MAX (MAX Products) |
| Background: | The protein encoded by this gene is a member of the basic helix-loop-helix leucine zipper |

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| | (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.,MAX,bHLHd4,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Tumor |
| | suppressors,Signal Transduction,MAPK-P38 Signaling Pathway,Protein phosphorylation,MAX |
| Molecular Weight: | 9 kDa/11 kDa/12 kDa/15 kDa/17 kDa/18 kDa |
| Gene ID: | 4149 |
| UniProt: | P61244 |
| Pathways: | Mitotic G1-G1/S Phases |
| Application Details | |
| Application Notes: | WB,1:500 - 1:2000 |
| Restrictions: | For Research Use only |
| Handling | |
| Buffer: | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Avoid freeze / thaw cycles. |

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Western Blotting

Image 1. Western blot analysis of extracts of Jurkat cells, using Phospho-MAX-S11 antibody (ABIN3019514, ABIN3019515, ABIN3019516 and ABIN6225442) at 1:1000 dilution. Jurkat cells were treated by serum-starvation overnight.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % BSA.

Western Blotting

Image 2.



Immunofluorescence

Image 3. Immunofluorescence analysis of U2OS cell using Phospho-MAX-S11 antibody. Blue: DAPI for nuclear staining.

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