

Phospho-MAX-S11 Rabbit Polyclonal Antibody



CABP0072

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

21kDa

Calculated MW:

9kDa/11kDa/12kDa/15kDa/17kDa/18kDa

Applications:

WB IF

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

4149

Uniprot

P61244

Synonyms:

MAX; bHLHd4

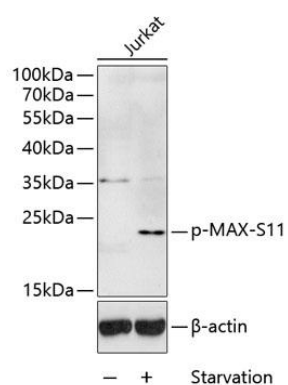
Immunogen:

A synthetic phosphorylated peptide around S11 of human MAX (NP_002373.3).

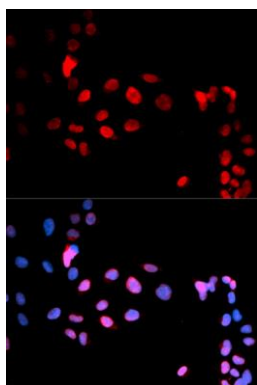
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Jurkat cells, using Phospho-MAX-S11 antibody (CABP0072) at 1:1000 dilution. Jurkat cells were treated by serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.



Immunofluorescence analysis of U2OS cells using Phospho-MAX-S11 antibody (CABP0072). Blue: DAPI for nuclear staining.