

## Product datasheet for **TA302711**

### MAX Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-2 µg/ml.
Reactivity:	Human, Mouse, Rat (Expected from sequence similarity: Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-EEPQSRKKLRMEAS, from the C Terminus of the protein sequence according to NP_002373.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	MYC associated factor X
Database Link:	<a href="#">NP_002373</a> <a href="#">Entrez Gene 17187 Mouse</a> <a href="#">Entrez Gene 60661 Rat</a> <a href="#">Entrez Gene 609969 Dog</a> <a href="#">Entrez Gene 4149 Human</a> <a href="#">P61244</a>



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**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. Multiple alternatively spliced transcript variants have been described for this gene but the full-length nature for some of them is unknown. [provided by RefSeq]

**Synonyms:**

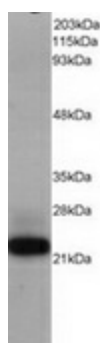
bHLHd4

**Protein Families:**

Druggable Genome, Transcription Factors

**Protein Pathways:**

MAPK signaling pathway, Pathways in cancer, Small cell lung cancer

**Product images:**

TA302711 staining (0.1ug/ml) of Jurkat lysate (RIPA buffer, 1.4E+05 cells per lane). Primary incubated for 12 hour. Detected by western blot using chemiluminescence.