

Product datasheet for **TA330150**

MAX Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-MAX antibody: synthetic peptide directed towards the n terminal of human MAX. Synthetic peptide located within the following region: MSDNDDIEVESDADKRAHHNALERKRRDHIKDSFHSLRDSVPSLQGEKAS |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 17 kDa |
| Gene Name: | MYC associated factor X |
| Database Link: | NP_660087 Entrez Gene 4149 Human P61244 |



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Background:

MAX 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. 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. 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.

Synonyms:

bHLHd4

Note:

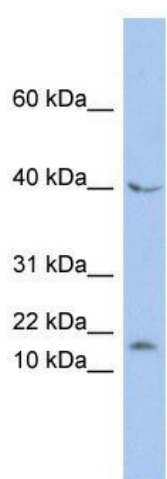
Immunogen sequence homology: African clawed frog: 100%; Chicken: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 92%

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

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

Product images:

WB Suggested Anti-MAX Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: COLO205 cell lysate There is BioGPS gene expression data showing that MAX is expressed in COLO205