

## Product datasheet for **AP10055PU-N**

### **MAD3 (MXD3) (C-term) Goat Polyclonal Antibody**

#### **Product data:**

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | ELISA, IF, IHC   |
| Recommended Dilution: | <b>Peptide ELISA:</b> 1/4000 (Detection Limit).<br><b>Western blot:</b> No signal obtained yet but low background observed in NCI-H460, HepG2, Human Liver, Human Heart and Human Brain lysates at up to 3 µg/ml.<br><b>Immunocytochemistry:</b> This product has been successfully used by an anonymous Customer on Methanol-fixed and 0.5% TX100-permeabilized HeLa cells, staining the cytoplasm.<br><b>Immunohistochemistry:</b> An anonymous Customer found positive results on Human HeLa cells. |
| Reactivity:           | Human  |
| Host:                 | Goat   |
| Clonality:            | Polyclonal   |
| Immunogen:            | Synthetic peptide from the C-Terminus of Human MAD3 (NP_112590.1)  |
| Specificity:          | This antibody is expected to recognise isoform a (NP_112590.1) only.   |
| Formulation:          | Tris saline, pH~7.3<br>State: Aff - Purified<br>State: Liquid purified Ig fraction<br>Stabilizer: 0.5% BSA<br>Preservative: 0.02% Sodium Azide   |
| Concentration:        | lot specific   |
| Purification:         | Immunoaffinity Chromatography  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.<br>Avoid repeated freezing and thawing.   |
| Stability:            | Shelf life: one year from despatch.  |
| Gene Name:            | MAX dimerization protein 3   |



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|--------------------------|--|
| <b>Database Link:</b>    | <a href="#">Entrez Gene 83463 Human Q9BW11</a>   |
| <b>Background:</b>       | MAD3 contains 1 basic helix-loop-helix (bHLH) domain. It is a transcriptional repressor and binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation. |
| <b>Synonyms:</b>         | MAD-3, MXD3, Max-interacting transcriptional repressor MAD3  |
| <b>Protein Families:</b> | Druggable Genome, Transcription Factors  |