

## Product datasheet for **AP23252PU-N**

### HMGB4 (N-term) Rabbit Polyclonal Antibody

#### Product data:

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Applications:          | IF, WB  |
| Recommended Dilution:  | Western blot: At 1-2µg/ml with the appropriate system to detect HMGB4 in cells and tissues.<br>Immunocytochemistry.   |
| Reactivity:            | Human, Mouse, Rat   |
| Host:                  | Rabbit  |
| Isotype:               | IgG   |
| Clonality:             | Polyclonal  |
| Immunogen:             | Synthetic peptide corresponding to a sequence mapping near the N-terminal of human HMGB4  |
| Specificity:           | This antibody detects HMGB4 near N-term. No cross reactivity with other proteins.   |
| Formulation:           | 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub><br>State: Aff - Purified<br>State: Lyophilized Ig fraction |
| Reconstitution Method: | 0.2ml of distilled water will yield a concentration of 500µg/ml.  |
| Purification:          | Immunogen affinity purified   |
| Conjugation:           | Unconjugated  |
| Storage:               | Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.   |
| Stability:             | Shelf life: one year from despatch.   |
| Gene Name:             | high mobility group box 4   |
| Database Link:         | <a href="#">Entrez Gene 127540 Human Q8WW32</a>   |



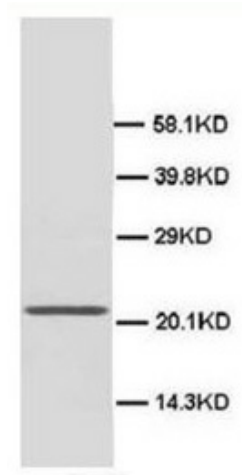
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**Background:**

HMGB4 is HMG2 like, isoform 2, high-mobility group box 4. This gene can be found on Chromosome 1. HMGB4 contains two HMG-box regions, which is found in a variety of eukaryotic chromosomal proteins and transcription. HMGB proteins are phosphorylated to various extents reveals that the existence of differentially modified forms increases the number of distinct HMGB protein variants in plant chromatin that may be adapted to certain functions.

**Synonyms:**

dj1007G16.5; FLJ40388; MGC88128

**Product images:**

Western blot analysis of rat testicle tissue lysis using HMGB4 antibody