

HMGB-1 Polyclonal antibody

catalog number: AN006010L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

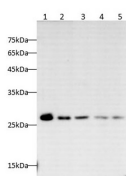
Description

| | |
|---------------------|--|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human HMGB-1 protein expressed by E.coli |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Antigen Affinity Purification |
| Conjugation | Unconjugated |
| buffer | PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4 |

Applications

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|-----------|--------------|
| WB | 1:500-1:1000 |
|-----------|--------------|

Data



Western blot with Anti HMGB-1 Polyclonal antibody at dilution of 1:1000. Lane 1: HeLa cell lysate, Lane 2: Jurkat cell lysate, Lane 3: NIH/3T3 cell lysate, Lane 4: C6 cell lysate, Lane 5: PC-12 cell lysate.

Observed-MV:29 kDa

Calculated-MV:24 kDa

Preparation & Storage

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|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Human High-mobility group box 1 protein (HMGB1), previously known as HMG-1 or amphoterin, is a member of the high mobility group box family of non-histone chromosomal proteins. Human HMGB1 is expressed as a 30 kDa, 215 amino acid (aa) single chain polypeptide containing three domains: two N-terminal globular, 70 aa positively charged DNA-binding domains (HMG boxes A and B), and a negatively charged 30 aa C-terminal region that contains only Asp and Glu. Residues 27-43 and 178-184 contain a NLS. Posttranslational modifications of the molecule have been reported, with acetylation occurring on as many as 17 lysine residues.

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