

11-12011: Polyclonal Antibody to HMGB3

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	HMGB3
Gene ID :	3149
Uniprot ID :	O15347
Format :	Purified
Alternative Name :	HMGB3,HMG2A,HMG4
Isotype :	Rabbit IgG
Immunogen Information :	Full length recombinant HMGB3 protein was used as the immunogen for this antibody.

Description

HMGB3 (High Mobility Group-Box 3) belongs to the high mobility group box (HMG-box) subfamily. It has 99% homology with HMGB1 and HMGB2. This subfamily has a HMG-box, so it can regulate gene transcription by participating with formation of enhancosomes. The HMG-box subfamily also plays an important role in DNA replication, transcription, recombination and repair, etc. HMGB3 has been reported to have high expression in embryos and weak expression in adult tissues. HMGB3 is important in keeping the balance between self-renewal and differentiation status in mouse hematopoietic stem cells.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 2-4 µg/ml

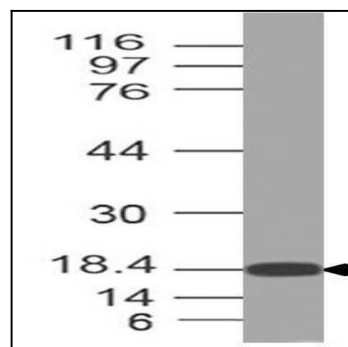


Fig-1: Expression analysis of HMGB3. Anti-HMGB3 antibody (11-12011) was used at 2 µg/ml on 293 lysate.