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## 11-12021: Polyclonal Antibody to HOXB4

Clonality: Polyclonal

Application: WB Reactivity: Human HOXB4 Gene: Gene ID: 3214 **Uniprot ID:** P17483 Format: Purified

**Alternative Name:** HOXB4,HOX2F Isotype: Rabbit IgG

A partial length recombinant HOXB4 protein (amino acids1-221) was used as the immunogen for Immunogen Information:

this antibody.

## **Description**

HoxB4 is a member of the highly conserved homeodomain TF (Transcription Factor) family. It was the first transcription factor shown to lead to profound HSC (hematopoietic stem cells) expansion in vitro and in vivo when expressed ectopically in adult BM cells and ESCs (Embryonic Stem Cells). HoxB4 is used to promote hematopoietic differentiation from human embryonic stem cells or from human induced pluripotent stem cells.

## **Product Info**

Amount:  $25 \mu g / 100 \mu g$ 

Purification: Protein A Chromatography

25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium Content:

azide is highly toxic.

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

## **Application Note**

Western blot analysis: 2-4 µg/ml

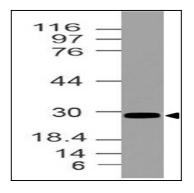


Fig-1: Expression analysis of HOXB4. Anti-HOXB4 antibody (11-12021) was used at 2 µg/ml on h Kidney lysate.