

## 11-12021: Polyclonal Antibody to HOXB4

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	HOXB4
<b>Gene ID :</b>	3214
<b>Uniprot ID :</b>	P17483
<b>Format :</b>	Purified
<b>Alternative Name :</b>	HOXB4,HOX2F
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A partial length recombinant HOXB4 protein (amino acids1-221) was used as the immunogen for 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

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein A Chromatography
<b>Content :</b>	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.
<b>Storage condition :</b>	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

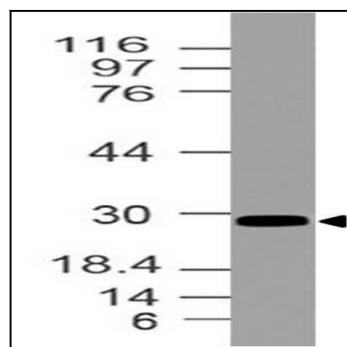


Fig-1: Expression analysis of HOXB4. Anti-HOXB4 antibody (11-12021) was used at 2 µg/ml on h Kidney lysate.