



TBX4 Antibody (N-term)

Catalog_no :	AB1872
Applications :	WB, FC, IHC-P
Reactivity :	H, M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:103-129
Specificity :	This TBX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 103-129 amino acids from the N-terminal region of human TBX4.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	T-box transcription factor TBX4, T-box protein 4, TBX4
Isotype :	Rabbit Ig
Background :	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human homolog of mouse Tbx4, which is closely linked to Tbx2 on mouse chromosome 11. Similarly this gene, like TBX2, maps to human chromosome 17. Expression studies in mouse and chicken show that Tbx4 is expressed in developing hindlimb, but not in forelimb buds, suggesting a role for this gene in regulating limb development and specification of limb identity.
reference :	Kim, J.J., et al. J. Hum. Genet. 55(1):27-31(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Zhao, J., et al. BMC Med. Genet. 11, 96 (2010) : Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Gudbjartsson, D.F., et al. Nat. G