

HOXA13 Polyclonal Antibody

Catalog No.	A9822	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	38kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	39kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 140-320 of human HOXA13 (NP_000513.2).
Gene ID	3209
Swiss prot	P31271
Synonyms	HOXA13; HOX1; HOX1J; homeobox A13

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

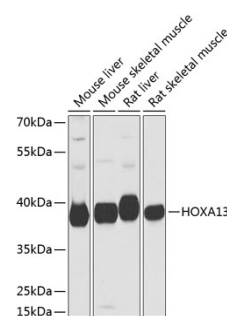
Background

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Expansion of a polyalanine tract in the encoded protein can cause hand-foot-uterus syndrome, also known as hand-foot-genital syndrome.

Recommended Dilutions

WB 1:1000 -
1:4000

IF 1:50 -
1:200



Western blot - HOXA13 Polyclonal Antibody (A9822)