

Datasheet for ABIN2792660
anti-HOXA10 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	HOXA10
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rabbit, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HOXA10
Sequence:	SLGNSKGENA ANWLTAKSGR KKRCPYTKHQ TLELEKEFLF NMYLTRERRL
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Pig (Porcine), Rabbit, Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 100%
Characteristics:	This is a rabbit polyclonal antibody against HOXA10. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	HOXA10
Alternative Name:	HOXA10 / HOX1H (HOXA10 Products)
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. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alias Symbols: PL, HOX1, HOX1H, HOX1.8 Protein Interaction Partner: SPI1, COPS5, CREBBP, PBX1, SNAPC1, EMX1, POLR3D, SIRT2, GMNN, EP300, MEIS1, PTPN6, HOXA10, FOXO1, Protein Size: 393
Molecular Weight:	41 kDa
Gene ID:	3206
NCBI Accession:	NM_018951 , NP_061824
UniProt:	P31260

Application Details

Application Notes:	WB Suggested Anti-HOXA10 Antibody Titration: 0.5 µg/mL Positive Control: Jurkat cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 393 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-HOXA10 Antibody Titration: 0.5ug/ml Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that HOXA10 is expressed in Jurkat