

Datasheet for ABIN952772

anti-HOXA10 antibody (Middle Region)**2** Images[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	HOXA10
Binding Specificity:	AA 234-262, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 234-262 amino acids from the Central region of human HOXA10
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human HOXA10 (Center).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	HOXA10
Alternative Name:	HOXA10 / HOX1H (HOXA10 Products)
Background:	In vertebrates, the genes encoding the class of transcription factors called homeobox genes

Target Details

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 that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants encoding different isoforms have been described. Synonyms: Homeobox protein Hox-A10, Hox-1.8, Hox-1H, PL

Molecular Weight: 42414 Da

Gene ID: 3206

NCBI Accession: [NP_061824](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

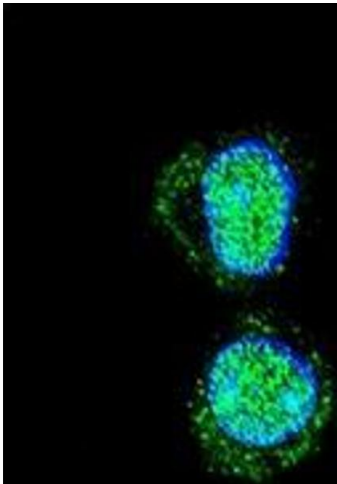
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

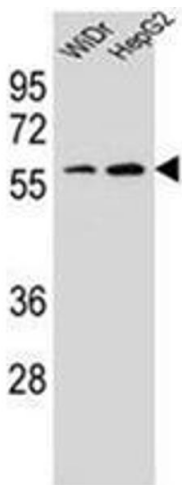
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C to -80 °C for longer.



Immunofluorescence

Image 1. Confocal immunofluorescent analysis of HOXA10 / HOX1H Antibody (Center) Cat.-No AP52073PU-N with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western Blotting

Image 2. Western blot analysis of HOXA10 / HOX1H Antibody (Center) in WiDr, HepG2 cell line lysates (35ug/lane). This demonstrates the HOXA10 antibody detected the HOXA10 protein (arrow).