

Datasheet for ABIN654234  
**anti-HOXA10 antibody (AA 244-271)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	HOXA10
Binding Specificity:	AA 244-271
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	This HOXA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 244-271 amino acids from the Central region of human HOXA10.
Clone:	RB27689
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	HOXA10
Alternative Name:	HOXA10 ( <a href="#">HOXA10 Products</a> )
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.

Molecular Weight: 42414

Gene ID: 3206

NCBI Accession: [NP\\_061824](#)

UniProt: [P31260](#)

## Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

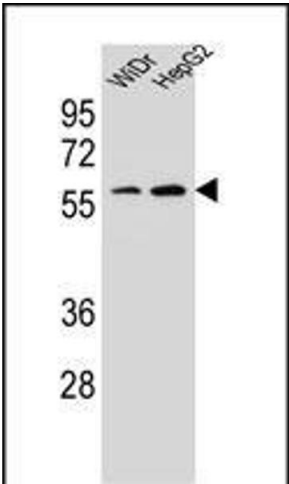
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

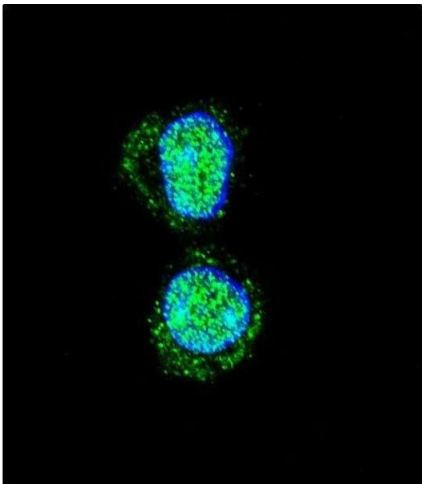
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



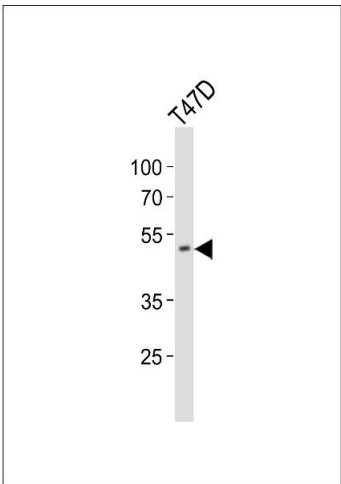
#### Western Blotting

**Image 1.** HOXA10 Antibody (Center) (ABIN654234 and ABIN2844067) western blot analysis in WiDr, HepG2 cell line lysates (35 µg/lane). This demonstrates the HOXA10 antibody detected the HOXA10 protein (arrow).



#### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of HOXA10 Antibody (Center) (ABIN654234 and ABIN2844067) 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 3.** Western blot analysis of lysate from T47D cell line, using HOXA10 Antibody (Center) (ABIN654234 and ABIN2844067). (ABIN654234 and ABIN2844067) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20 µg.