

Datasheet for ABIN2854544

**anti-HOXC11 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	HOXC11
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC11 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human HOXC11. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to homeobox C11 (homeobox C11) homeobox C11 antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	HOXC11
Alternative Name:	homeobox C11 ( <a href="#">HOXC11 Products</a> )

## Target Details

**Background:** This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined.

Cellular Localization: Nucleus

**Molecular Weight:** 34 kDa

**Gene ID:** 3227

**UniProt:** [O43248](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: HepG2 , Molt-4

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 0.92 mg/mL

**Buffer:** 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal

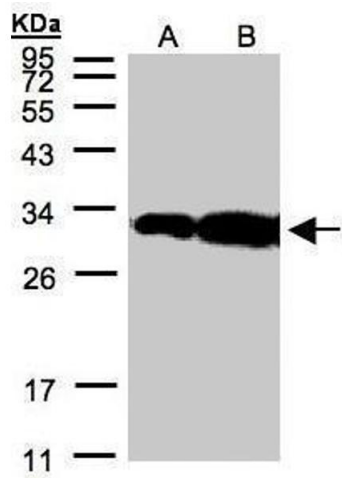
**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid

multiple freeze-thaw cycles.



**Western Blotting**

**Image 1.** WB Image Sample(30 µg of whole cell lysate)  
A:Hep G2, B:MOLT4, 12% SDS PAGE antibody diluted at 1:500