

Datasheet for ABIN7155055
anti-FOXA3 antibody (AA 220-336)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	FOXA3
Binding Specificity:	AA 220-336
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FOXA3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Hepatocyte nuclear factor 3-gamma protein (220-336AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FOXA3
Alternative Name:	FOXA3 (FOXA3 Products)
Background:	Background: Transcription factor that is thought to act as a 'pioneer' factor opening the compacted chromatin for other proteins through interactions with nucleosomal core histones

Target Details

and thereby replacing linker histones at target enhancer and/or promoter sites (By similarity). Originally described as a transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes. Involved in glucose homeostasis, binds to and activates transcription from the G6PC promoter. Binds to the CYP3A4 promoter and activates its transcription in cooperation with CEBPA. Binds to the CYP3A7 promoter together with members of the CTF/NF-I family. Involved in regulation of neuronal-specific transcription. May be involved in regulation of spermatogenesis.

Aliases: FKHH3 antibody, Fork head-related protein FKH H3 antibody, forkhead box A3 antibody, Forkhead box protein A3 antibody, Foxa3 antibody, FOXA3_HUMAN antibody, hepatic nuclear factor-3-beta antibody, hepatocyte nuclear factor 3 antibody, hepatocyte nuclear factor 3 gamma antibody, Hepatocyte nuclear factor 3-gamma antibody, HNF-3-gamma antibody, HNF-3G antibody, HNF3B antibody, HNF3G antibody, TCF-3G antibody, TCF3G antibody, Transcription factor 3G antibody

UniProt: [P55318](#)

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

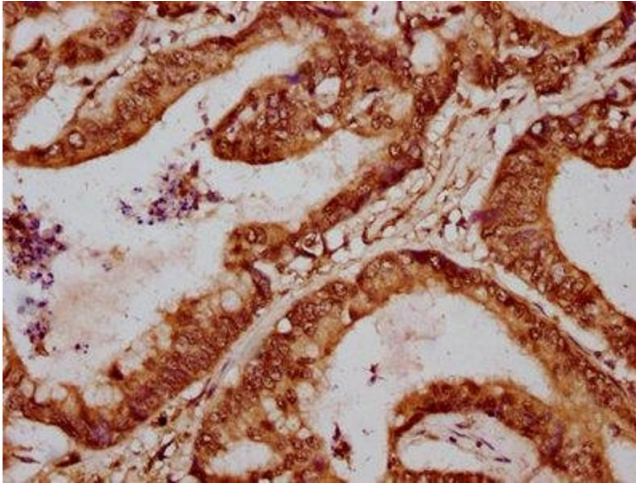
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7155055 diluted at 1:700 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.