

## GATA-5 Monoclonal Antibody

<b>Catalog No :</b>	YM0300
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	GATA-5
<b>Gene Name :</b>	GATA5
<b>Protein Name :</b>	Transcription factor GATA-5
<b>Human Gene Id :</b>	140628
<b>Human Swiss Prot No :</b>	Q9BWX5
<b>Mouse Swiss Prot No :</b>	P97489
<b>Immunogen :</b>	Purified recombinant fragment of human GATA-5 expressed in E. Coli.
<b>Specificity :</b>	GATA-5 Monoclonal Antibody detects endogenous levels of GATA-5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Monoclonal, Mouse
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
<b>Purification :</b>	Affinity purification
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	41kD
<b>P References :</b>	1. Clin Cancer Res. 2009 Jun 15;15(12):3990-7. 2. World J Gastroenterol. 2010 Mar 14;16(10):1201-8.

## Background :

The protein encoded by this gene is a transcription factor that contains two GATA-type zinc fingers. The encoded protein is known to bind to hepatocyte nuclear factor-1alpha (HNF-1alpha), and this interaction is essential for cooperative activation of the intestinal lactase-phlorizin hydrolase promoter. In other organisms, similar proteins may be involved in the establishment of cardiac smooth muscle cell diversity. [provided by RefSeq, Jul 2008],

## Function :

function: Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer. May play an important role in the transcriptional program(s) that underlies smooth muscle cell diversity., similarity: Contains 2 GATA-type zinc fingers.,

## Subcellular

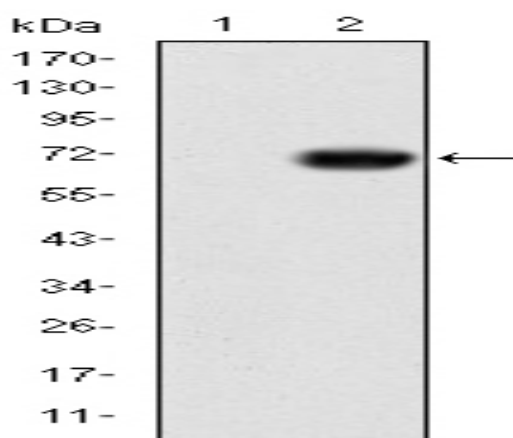
Nucleus .

## Location :

## Expression :

Uterus,

## Products Images



Western Blot analysis using GATA-5 Monoclonal Antibody against HEK293 (1) and GATA5-hlgFc transfected HEK293 (2) cell lysate.

