

GATA-5 Monoclonal Antibody

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

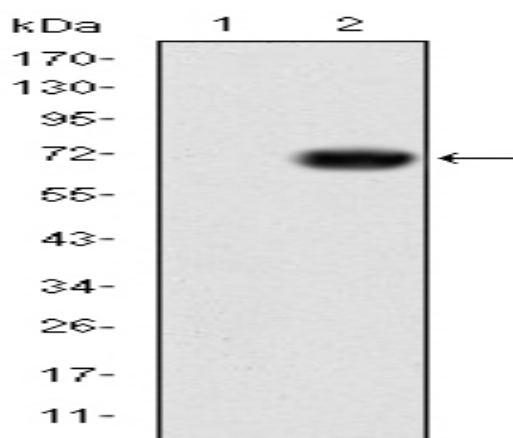
Subcellular Location :

Nucleus .

Expression :

Uterus,

Products Images



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

