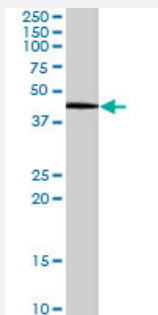


GATA5 polyclonal antibody

Catalog # PAB7124

Size 100 ug

Applications



Western Blot (Cell lysate)

GATA5 polyclonal antibody (Cat # PAB7124) (0.3 ug/mL) staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of GATA5.

Immunogen A synthetic peptide corresponding to human GATA5.

Sequence C-ELAARPGWAQTATAD

Host Goat

Theoretical MW (kDa) 41.3

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:32000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — GATA5

Entrez GeneID	140628
Protein Accession#	NP_536721.1
Gene Name	GATA5
Gene Alias	bB379O24.1
Gene Description	GATA binding protein 5
Omim ID	611496
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	GATA binding factor-5 GATA-binding protein 5 OTTHUMP00000031490 transcription factor GATA-5

Publication Reference

- [Promoter hypermethylation of multiple genes in sputum precedes lung cancer incidence in a high-risk cohort.](#)

Belinsky SA, Liechty KC, Gentry FD, Wolf HJ, Rogers J, Vu K, Haney J, Kennedy TC, Hirsch FR, Miller Y, Franklin WA, Herman JG, Baylin SB, Bunn PA, Byers T.

Cancer Research 2006 Mar; 66(6):3338.