

Anti-GATA5 Antibody

Catalog # AP61536

Product Information

Application	WB, IHC
Primary Accession	Q9BWX5
Reactivity	Human, Mouse, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41299

Additional Information

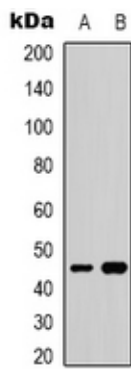
Gene ID	140628
Other Names	Transcription factor GATA-5; GATA-binding factor 5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GATA5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

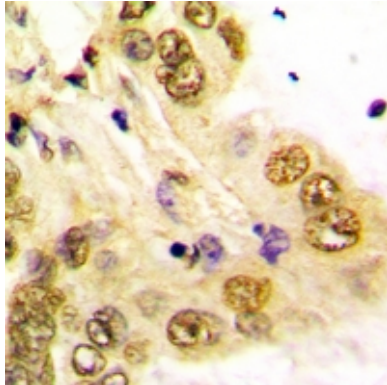
Name	GATA5 (HGNC:15802)
Function	Transcription factor required during cardiovascular development (PubMed: 23289003). Plays an important role in the transcriptional program(s) that underlies smooth muscle cell diversity (By similarity). Binds to the functionally important CEF-1 nuclear protein binding site in the cardiac-specific slow/cardiac troponin C transcriptional enhancer (PubMed: 25543888).
Cellular Location	Nucleus.

Images

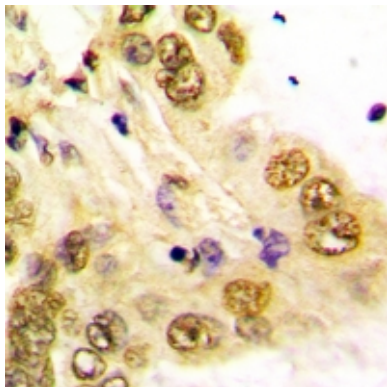
Western blot analysis of GATA5 expression in HepG2 (A),



NIH3T3 (B) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 45 kD)



Immunohistochemical analysis of GATA5 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.