

Anti-GATA4 Rabbit pAb



WL01293

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GATA4 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human, Mouse, Rat		
Tested applications	Western blot	1:1000-1:2000	
	Immunohistochemistry	1:200	
	Immunofluorescence	1:200	
Cellular localization	Nucleus.		
Pack size	50/100/200/500/1000μl		
Storage	Store at -20°C. Avoid freeze/thaw cycles.		
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml		
	BSA, 50% glycerol and less than 0.02% sodium azide		

General Information

Background	GATA4 is a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. GATA4 is crucial for cardiomyocyte differentiation, and not surprisingly, mutations in the GATA4 gene are implicated in many cardiac diseases, such as tetralogy of Fallot, familial and sporadic dilated cardiomyopathy, and atrial septal defect. GATA4 and GATA6 together maintain intestinal epithelial structure by regulating enterocyte gene expression. Both GATA4 and GATA6 are found in heart, pancreas and ovary; lung and liver tissues exhibit GATA6, but not GATA4 expression.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GATA4.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

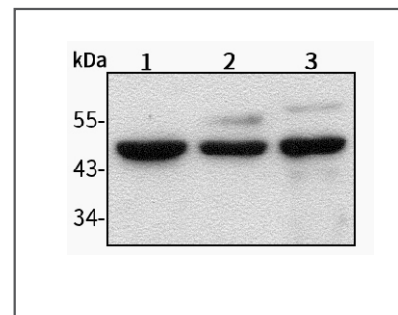
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Product Images



Western blot-GATA4 pAb

Lane 1: Human MGC-803 cell lysate

Lane 2: Human SGC-7901 cell lysate

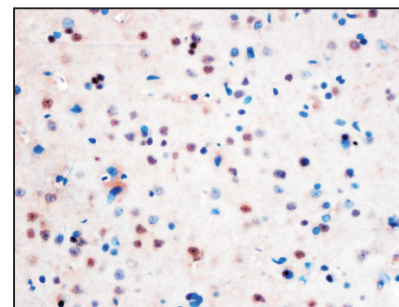
Lane 3: Human MCF-7 cell lysate

All lanes: Anti-GATA4 at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 45 kDa

Observed band size: 45 kDa



Immunohistochemistry-Anti-GATA4 pAb

Sample: Rat brain tissue

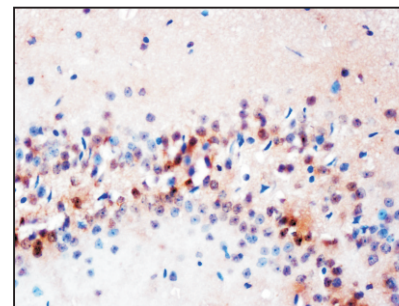
Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:200, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Visualization: DAB



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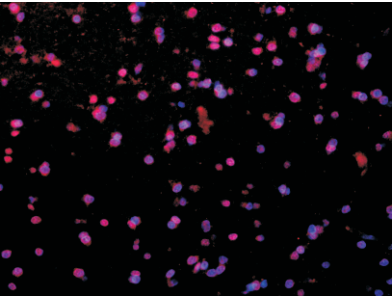
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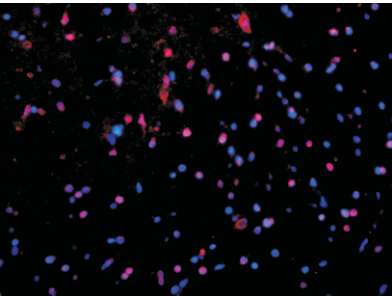
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Product Information



Immunofluorescence-Anti-GATA4 pAb

Sample: Rat brain tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h



Immunofluorescence-Anti-GATA4 pAb

Sample: Rat brain tissue
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-CY3: 1:200, at room temperature, 1h