

Anti-GATA3 Rabbit pAb



WL05009

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-GATA3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC	1:100-1:200

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 GATA-3 belongs to the GATA family of transcription factors. It regulates luminal epithelial cell differentiation in the mammary gland. GATA-3 has been shown to promote the secretion of IL-4, IL-5, and IL-13 from Th2 cells, and induces the differentiation of Th0 cells towards this Th2 cell subtype while suppressing their differentiation towards Th1 cells. GATA-3 was shown to directly regulate luminal cell differentiation in mouse models of breast cancer. It is also considered a strong predictor of taxane and platinum salts insensitivity. GATA3 has been shown to interact with LMO1, ER and FOXA1.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GATA3.

Purification Polyclonal antibody was purified by immunogen affinity chromatography.

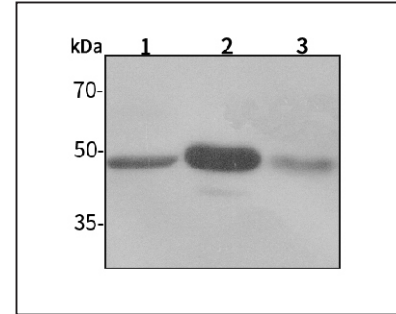
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Product Images



Western blot-Anti-GATA3 pAb

Lane 1: Mouse lung tissue lysate

Lane 2: Rat colon tissue lysate

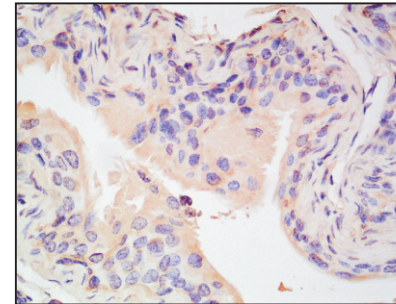
Lane 3: Rat stomach tissue lysate

All lanes: Anti-GATA3 at 1:1000 dilution

Lysates/proteins at 20-50 µg per lane.

Predicted band size: 48 kDa

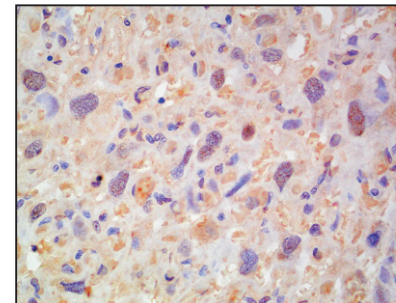
Observed band size: 48 kDa



Immunohistochemistry-Anti-GATA3 pAb

Immunohistochemical analysis of paraffin-embedded mouse bladder using anti-GATA3 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-GATA3 pAb

Immunohistochemical analysis of paraffin-embedded rat placenta using anti-GATA3 Rabbit Antibody at 1:100 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0