

## Anti-GATA3 Rabbit pAb



WL02447

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

Product name	Anti-GATA3 Rabbit pAb		
Source	Rabbit		
Species reactivity	Human		
Tested applications	WB	1:1000-1:2000	
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

<b>Background</b>	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 platin salts insensitivity. GATA3 has been shown to interact with LMO1, ER and FOXA1.
<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of GATA3.
<b>Purification</b>	Polyclonal antibody was purified by Protein A affinity chromatography.

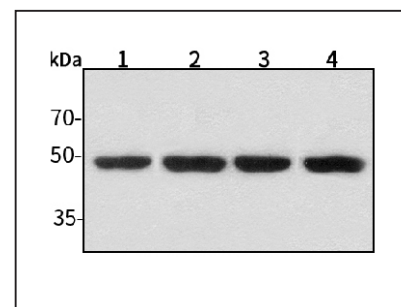
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## Product Images



Western blot-Anti-GATA3 pAb

Lane 1: Human HepG2 cell lysate

Lane 2: Human Hela cell lysate

Lane 3: Human BGC-823 cell lysate

Lane 4: Human MGC-803 cell 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