

## Anti-Phospho-GATA3 (Ser308) Antibody (4Q76)

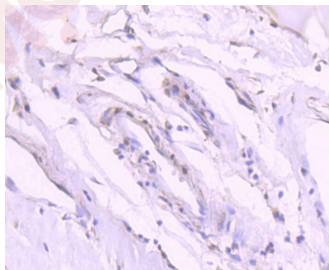
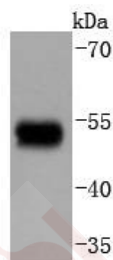
### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 48 kDa.
Clone:	4Q76
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of Phospho-GATA3 (S308) on human skin lysates using anti-Phospho-GATA3 (S308) antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Phospho-GATA3 (S308) antibody. Counter stained with hematoxylin.



Application:	IHC,IP,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: A synthesized phosphopeptide: human GATA3 around the phosphorylation site of Ser308  
Antigen Species: Human  
Uniprot ID: P23771  
Synonyms: p-GATA3 (S308);GATA3 (p-Ser308);p-GATA3 (Ser308);GATA3 (p-S308)

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### Research Background

GATA-3 antibody (GATA binding protein 3) is a member of the GATA family of transcription factors. GATA-3 appears to control a set of genes involved in the differentiation and proliferation of breast cancer. The expression of GATA-3 has a strong association with estrogen receptor-alpha expression in breast cancer and evidence exists that GATA-3 may be used to predict response to hormonal therapy of breast cancer patients. GATA-3 has also been shown to be a novel marker for bladder cancer. In one study, GATA-3 stained 67% of 308 urothelial carcinomas but no prostate or renal carcinomas.

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