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Datasheet for ABIN1944795

## anti-GATA3 antibody (AA 1-444)

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### Overview

Quantity:	400 µL
Target:	GATA3
Binding Specificity:	AA 1-444
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GATA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

### Product Details

Immunogen:	This GATA3 antibody is generated from a mouse immunized with a recombinant protein from human GATA3.
Clone:	1259CT707-136-102
Isotype:	IgG2b kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

### Target Details

Target:	GATA3
Alternative Name:	GATA3 ( <a href="#">GATA3 Products</a> )
Background:	Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta

## Target Details

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genes. Binds to the consensus sequence 5'-AGATAG-3'.

Molecular Weight: 47916

Gene ID: 2625

UniProt: [P23771](#)

Pathways: [Hormone Transport, Regulation of Hormone Metabolic Process, Tube Formation](#)

## Application Details

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Application Notes: IF: 1:25. WB: 1:1000. IHC: 1:400. FC: 1:25

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months

## Publications

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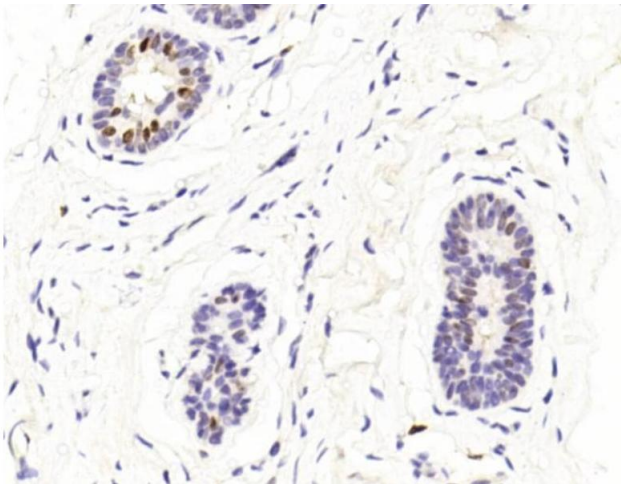
Product cited in: Yahata, Takedatsu, Dunwoodie, Bragança, Swingler, Withington, Hur, Coser, Isselbacher, Bhattacharya, Shioda: "Cloning of mouse Cited4, a member of the CITED family p300/CBP-binding transcriptional coactivators: induced expression in mammary epithelial cells." in: **Genomics**, Vol. 80, Issue 6, pp. 601-13, (2002) ([PubMed](#)).

Meier, Koedood, Philipp, Fontana, Mitchell: "Alternative mRNAs encode multiple isoforms of transcription factor AP-2 during murine embryogenesis." in: **Developmental biology**, Vol. 169, Issue 1, pp. 1-14, (1995) ([PubMed](#)).

Moser, Pscherer, Bauer, Imhof, Seegers, Kerscher, Buettner: "The complete murine cDNA sequence of the transcription factor AP-2." in: **Nucleic acids research**, Vol. 21, Issue 20, pp.

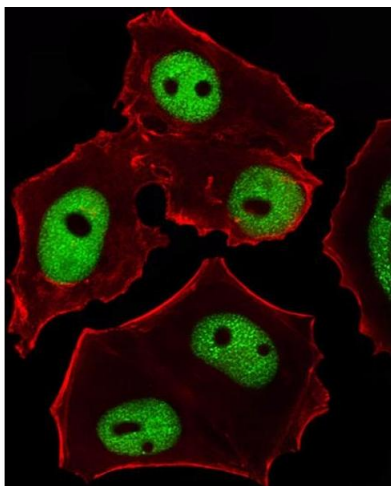
4844, (1993) ([PubMed](#)).

Mitchell, Timmons, Hébert, Rigby, Tjian: "Transcription factor AP-2 is expressed in neural crest cell lineages during mouse embryogenesis." in: **Genes & development**, Vol. 5, Issue 1, pp. 105-19, (1991) ([PubMed](#)).



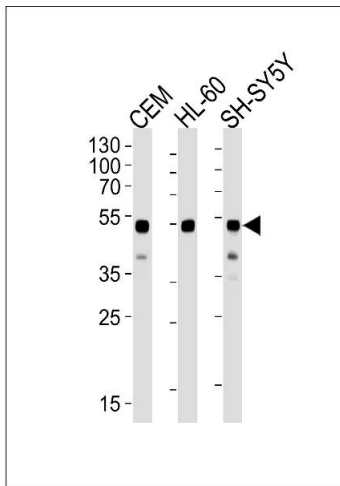
#### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded Human Normal breast section using Pink1 (ABIN1944795 and ABIN2838499). (ABIN1944795 and ABIN2838499) was diluted at 1:400 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



#### Immunofluorescence

**Image 2.** Fluorescent image of MCF-7 cells stained with GATA3 Antibody (Center) (ABIN1944795 and ABIN2838499). (ABIN1944795 and ABIN2838499) was diluted at 1:25 dilution. An Alexa Fluor® 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).



### Western Blotting

**Image 3.** Western blot analysis of lysates from CEM, HL-60, SH-SY5Y cell lines (from left to right) using GATA3 Antibody (Center) (ABIN1944795 and ABIN2838499). (ABIN1944795 and ABIN2838499) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1944795.