

GATA3 Polyclonal Antibody

Catalog number: 10417-1-AP

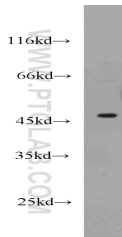
Size: 47 µg/150 µl

Source: Rabbit

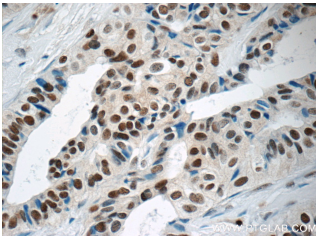
Isotype: IgG

Synonyms:

GATA3; GATA binding factor 3,
GATA binding protein 3, GATA3,
HDR



MCF7 cells were subjected to SDS PAGE followed by western blot with 10417-1-AP(GATA3 antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 10417-1-AP(GATA3 Antibody) at dilution of 1:50 (under 40x lens)

Background

GATA3 is a transcriptional factor that binds to the enhancer elements of all 4 T-cell antigen receptor genes. GATA3 is highly expressed in naive, freshly activated cells and Th2 lineage cells and thought to be necessary and sufficient for Th2 cytokine gene expression. GATA3 and TBET interfere with each other to regulate gene expression. This is a rabbit polyclonal antibody raised against part of C-terminus of human GATA3.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	ChIP, IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated GATA3 MW:	443aa, 48 kDa
Observed GATA3 MW:	45-50 kDa
Positive WB detected in	MCF7 cells, HeLa cells
Positive IHC detected in	Human breast cancer tissue, human colon cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0174
GenBank accession number:	BC003070
Gene ID (NCBI):	2625
Full name:	GATA binding protein 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.