
GATA3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254221

Unit: 0.1 mg

Description:

GATA3 is a zinc finger transcription factor that was first recognized as a possible determinant of T cell development. Later studies demonstrated that it is expressed in trophoblast giant cells and regulates trophoblast-specific genes during development. Specifically, GATA3 is selectively expressed in the trophoblast of the peri-implantation embryo and regulates CDX2, which is required for the transcriptional repression of the POU5F1/Oct4 and NANOG genes and is thus essential for the segregation of the inner cell mass and trophoblast at the blastocyst stage. Decreased or null-expression of GATA3 has also been suggested to play a major role in the development and progression of luminal breast cancer.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: GATA3; GATA binding protein 3; HDR

Accession No.: NP_001002295

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human GATA3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.