

KD-Validated Anti-GATA binding protein 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1810

Product Information

Application	WB
Primary Accession	P23771
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB1165
Calculated MW	47916
Gene Name	GATA3
Aliases	GATA3; GATA Binding Protein 3; HDR; Trans-Acting T-Cell-Specific Transcription Factor GATA-3; GATA-Binding Factor 3; GATA-Binding Protein 3; HDRS
Immunogen	A synthesized peptide derived from human GATA3

Additional Information

Gene ID	2625
Other Names	Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3

Protein Information

Name	GATA3
Function	Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'. Required for the T-helper 2 (Th2) differentiation process following immune and inflammatory responses. Positively regulates ASB2 expression (By similarity). Coordinates macrophage transcriptional activation and UCP2-dependent metabolic reprogramming in response to IL33. Upon tissue injury, acts downstream of IL33 signaling to drive differentiation of inflammation-resolving alternatively activated macrophages.
Cellular Location	Nucleus.
Tissue Location	T-cells and endothelial cells.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.