
Product Name: KD-Validated Phospho-GATA3(S308) Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01063**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 47.9kDa

Antigen Information

Gene Name	GATA3
Alternative Names	GATA3; GATA Binding Protein 3; HDR; Trans-Acting T-Cell-Specific Transcription Factor GATA-3; GATA-Binding Factor 3; GATA-Binding Protein 3; HDRS
Gene ID	2625.0
SwissProt ID	P23771
Immunogen	A synthesized peptide derived from human Phospho-GATA3(S308)

Background

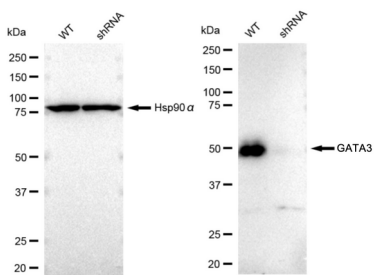
This gene encodes a protein which belongs to the GATA family of transcription factors. The protein contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects

in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia. [provided by RefSeq, Nov 2009]

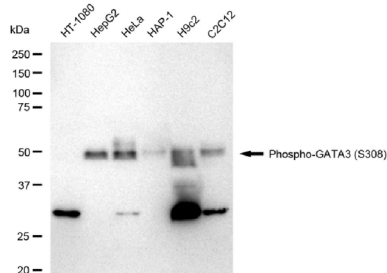
Research Area

Immunology, Epigenetics and Nuclear Signaling, Stem Cells, Developmental Biology

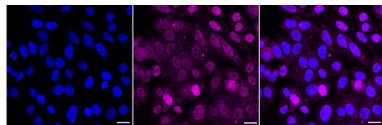
Image Data



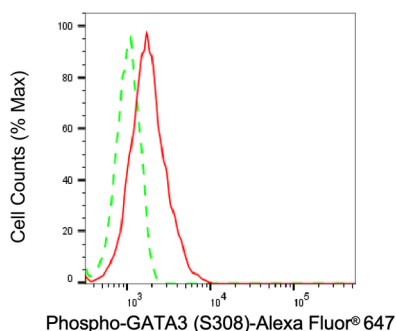
Western blotting analysis using Phospho-GATA3(S308) antibody (KVA01063). Phospho-GATA3(S308) expression in wild type (WT) and Phospho-GATA3(S308) shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Phospho-GATA3(S308) antibody (KVA01063, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Phospho-GATA3(S308) antibody (KVA01063). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Phospho-GATA3(S308) antibody (KVA01063, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with phospho-GATA3 (S308) antibody (KVA01063, 1:1,000). Nuclei were stained blue with DAPI; Phospho-GATA3 (S308) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium: Scale bar: 20 µm.



Flow cytometric analysis of Phospho-GATA3 (S308) expression in HT-1080 cells using Phospho-GATA3 (S308) antibody (KVA01063, 1:2,000). Green, isotype control; red, Phospho-GATA3 (S308).