Human GATA-6 Alexa Fluor® 700-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF1700N
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GATA-6 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human GATA-6 Met1-Thr449 Accession # Q92908
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Chromatin Immunoprecipitation (ChIP)	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

GATA-6 (also named GATA-GT1) is a zinc finger transcription activating protein that bins to a T/A-G-A-T-A-G/A DNA sequence motif in mesodermally and endodermally-derived tissue. There are two GATA-6 isoforms that arise from alternate start sites: a short form of 449 amino acids (aa), and a long form of 595 aa. The short form of human GATA-6 is 93%, 92% and 88% aa identical to GATA-6 in porcine, rat and mouse, respectively.

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