

Datasheet for ABIN570910
anti-GATA3 antibody (N-Term)

2 Images



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Overview

Quantity:	100 µg
Target:	GATA3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GATA3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	GATA3
Immunogen:	Peptide with sequence EVTADQPRWVSHH-C, from the N Terminus of the protein sequence according to NP_001002295.1, NP_002042.1.
Sequence:	EVTADQPRWV SHH
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001002295.1 and NP_002042.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: GATA3

Alternative Name: GATA3 ([GATA3 Products](#))

Background: GATA3, GATA binding protein 3, HDR, MGC2346, MGC5199, MGC5445, GATA-binding protein 3, enhancer-binding protein GATA3

Gene ID: 2625, 14462

NCBI Accession: [NP_001002295, NP_002042](#)

Pathways: [Hormone Transport, Regulation of Hormone Metabolic Process, Tube Formation](#)

Application Details

Application Notes: Western Blot: Approx 46 kDa band observed in Human Tonsil and in Mouse Kidney lysates. (calculated MW of 47.9 kDa according to NP_002042.1 and Mouse NP_032117.1).
Recommended concentration: 0.3-1 µg/mL.
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

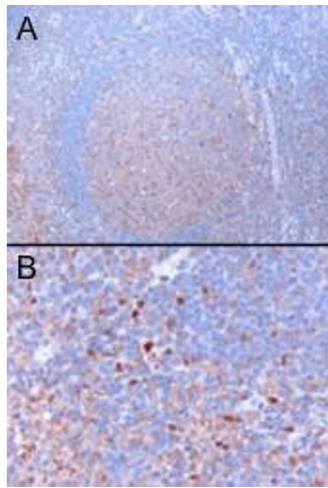
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

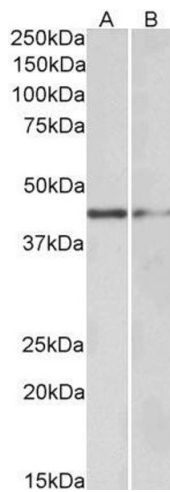
Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunohistochemistry

Image 1. ABIN570910 (3 μ g/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining. A) staining of cells in the germinal centre, B) staining of cells in the interfollicular area.



Western Blotting

Image 2. ABIN570910 (0.5 μ g/ml) staining of Human Tonsil (A) and Mouse Kidney (B) lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence