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Datasheet for ABIN2777460 anti-GATA3 antibody (N-Term)

6 Images



Overview

Quantity:	100 µL
Target:	GATA3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Zebrafish (Danio rerio), Rabbit, Horse, Guinea Pig, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GATA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human GATA3
Sequence:	MDAAQYPLPE EVDVLFNIDG QGNHVPPYYG NSVRATVQRY PPTHHGSQVC
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against GATA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	GATA3

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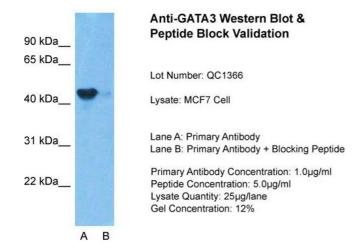
Target Details			
Alternative Name:	GATA3 (GATA3 Products)		
Background:	GATA3 is crucially involved in IL-5 gene transcription in human peripheral CD4-positive t cells. This gene is involved in growth control and the maintenance of the differentiated state in epithelial cells and may contribute to tumorigenesis in breast cancer. Alias Symbols: HDR, MGC2346, MGC5199, MGC5445, HDRS Protein Interaction Partner: PSMA3, FOXP3, USP21, UBC, SPI1, BRCA1, MYB, REPIN1, SP1, TBX21, HDAC5, HDAC4, HDAC3, RARB, MDM2, BMI1, MED1, ZFPM2, SATB1, TAL1, LMO1, LMO2, ETS2, ETS1, Protein Size: 444		
Molecular Weight:	48 kDa		
Gene ID:	2625		
NCBI Accession:	NM_002051, NP_002042		
UniProt:	P23771		
Pathways:	Hormone Transport, Regulation of Hormone Metabolic Process, Tube Formation		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 444 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

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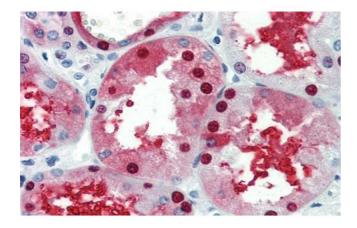
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



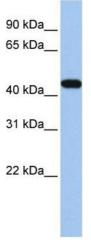
Western Blotting

Image 1. Host: Rabbit Target Name: GATA3 Sample Type: MCF7 Lane A: Primary Antibody Lane B: Primary Antibody + Blocking Peptide Primary Antibody Concentration: 1ug/ml Peptide Concentration: 5.0 ug/ml Lysate Quantity: 25ug/lane/lane Gel Concentration: 12%



Immunohistochemistry

Image 2. Immunohistochemistry with Human kidney lysate tissue at an antibody concentration of 5.0ug/ml using anti-GATA3 antibody (ARP31857_P050)



Western Blotting

Image 3. WB Suggested Anti-GATA3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate

Please check the product details page for more images. Overall 6 images are available for ABIN2777460.

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