

Datasheet for ABIN2779713
anti-GATA3 antibody (C-Term)[Go to Product page](#)

4 Images

1 Publication

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human GATA3
Sequence:	RNRKMSSKSK KCKKVHDSLE DFPKNSSFNP AALSRHMSSL SHISPFSSHSS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against GATA3. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	GATA3
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Target Details

Alternative Name:	GATA3 (GATA3 Products)
Background:	<p>Trans-acting T-cell specific transcription factor GATA-3 is a member of GATA family of transcription factors that regulates development of multiple tissues. It is an important transcription factor in regulating human Th2 cell differentiation in vivo.</p> <p>Alias Symbols: HDR, HDRS</p> <p>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,</p> <p>Protein Size: 443</p>
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: 443 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 should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: 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.

Publications

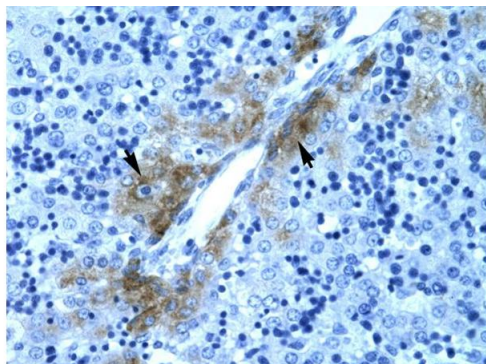
Product cited in: Sweetman, Münsterberg: "The vertebrate spalt genes in development and disease." in: **Developmental biology**, Vol. 293, Issue 2, pp. 285-93, (2006) ([PubMed](#)).

Images



Western Blotting

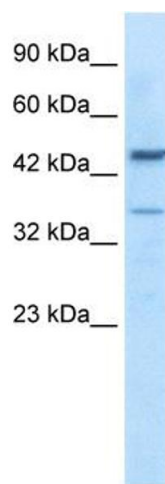
Image 1. WB Suggested Anti-GATA3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that GATA3 is expressed in Jurkat



Rabbit Anti-GATA3 Antibody
Catalog Number: ARP32548
Lot Number: QC2002
Paraffin Embedded Tissue: Human Liver
Cells with Positive label: Hepatocyte (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

Immunohistochemistry

Image 2. Rabbit Anti-GATA3 Antibody Paraffin Embedded Tissue: Human Liver Cellular Data: Hepatocyte Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X



Western Blotting

Image 3. WB Suggested Anti-GATA3 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that GATA3 is expressed in Jurkat

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779713.