



[Go to Product page](#)

Datasheet for ABIN2779287

anti-GAS41 antibody (Middle Region)

4 Images

Overview

Quantity:	100 µL
Target:	GAS41
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Horse, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAS41 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human YEATS4
Sequence:	SRQLTLGAYK HETEF AELEV KTRKLEAAK KKTSFEIAEL KERLKASRET
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against YEATS4. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	GAS41
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Target Details

Alternative Name: YEATS4 ([GAS41 Products](#))

Background: YEATS4 is found in the nucleoli. It has high sequence homology to human MLLT1, and yeast and human MLLT3 proteins. Both MLLT1 and MLLT3 proteins belong to a class of transcription factors, indicating that the encoded protein might also represent a transcription factor. This protein is thought to be required for RNA transcription. This gene has been shown to be amplified in tumors.

Alias Symbols: YAF9, GAS41, NUBI-1, 4930573H17Rik, B230215M10Rik

Protein Interaction Partner: UBC, HECW2, LYN, TFAP2B, BRD3, VIM, UBTF, FRMD4A, KDM1A, RNF8, MYCN, MYC, H2AFZ, DMAP1, KAT5, tat, MRGBP, RUVBL2, RUVBL1, TACC1, TACC2, PFDN1, MLLT10, SMARCB1, NUMA1, ING3, CEP162,

Protein Size: 227

Molecular Weight: 25 kDa

Gene ID: 8089

NCBI Accession: [NM_006530](#), [NP_006521](#)

UniProt: [O95619](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 227 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.

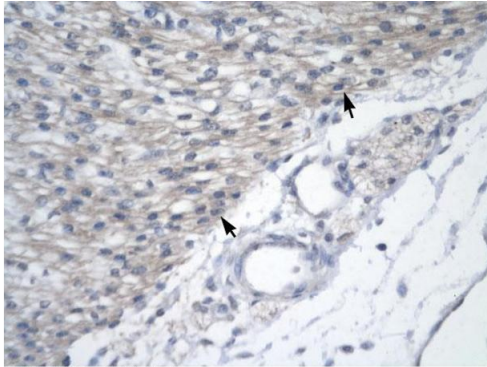
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

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.

Images



Rabbit Anti-YEATS4 Antibody
Catalog Number: ARP30118
Lot Number: QC2576
Paraffin Embedded Tissue: Human Heart
Cells with Positive label: Myocardial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X

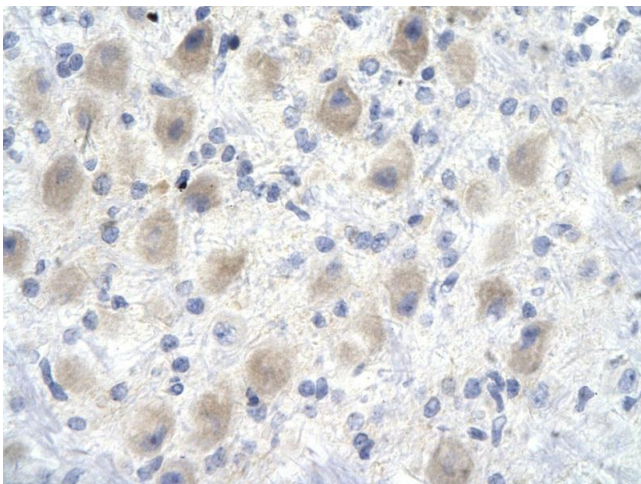


Immunohistochemistry

Image 1.

Western Blotting

Image 2. WB Suggested Anti-YEATS4 Antibody Titration: 0.2-1 µg/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate YEATS4 is supported by BioGPS gene expression data to be expressed in Jurkat



Immunohistochemistry

Image 3. Rabbit Anti-YEATS4 antibody Paraffin Embedded Tissue: Human Brain cell Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2779287.

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