

ARG64671 anti-PU.1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes PU.1
Tested Reactivity	Hu
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise both reported isoforms (NP_001074016.1; NP_003111.2).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	PU.1
Species	Human
Immunogen	C-DLYQRQTHEY
Conjugation	Un-conjugated
Alternate Names	Transcription factor PU.1; SPI-1; OF; SPI-A; PU.1; SFPI1; 31 kDa-transforming protein

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 6688 Human](#)

[Swiss-port # P17947 Human](#)

Background

This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

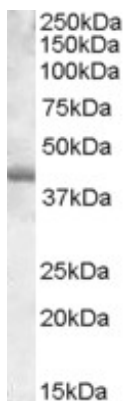
Research Area

Gene Regulation antibody; Immune System antibody

Calculated Mw

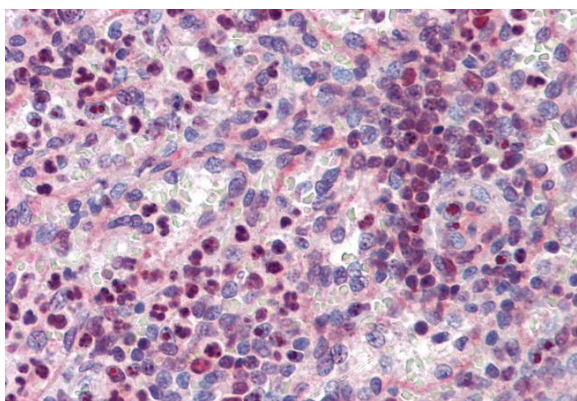
31 kDa

Images



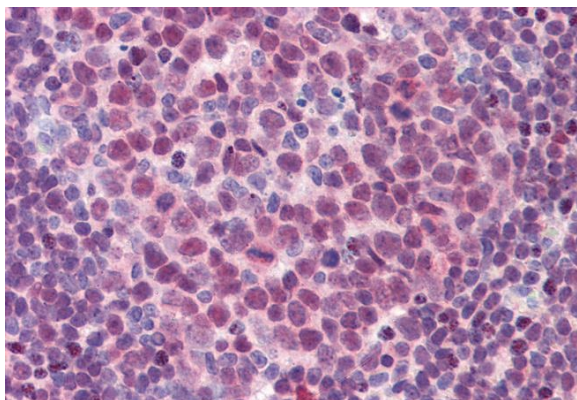
ARG64671 anti-PU.1 antibody WB image

Western Blot: DAUDI lysate (35 µg protein in RIPA buffer) stained with ARG64671 anti-PU.1 antibody at 0.03 µg/ml dilution.



ARG64671 anti-PU.1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64671 anti-PU.1 antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64671 anti-PU.1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon tissue.
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64671 anti-PU.1 antibody at 3.75 µg/ml dilution followed by AP-staining.