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Performance guaranteed

PU.1 Polyclonal Antibody

Catalog Number **PA5-27457**

Product data sheet

Details

Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 152 of Human PU.1
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 40% glycerol
Contains	0.01% thimerosal, 0.025% ProClin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity

Species reactivity	Human

Tested Applications	Dilution *
Western Blot (WB)	1:500-1:3,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

Recommended positive controls: THP-1 nuclear extract. Predicted reactivity: Rat (81%), Pig (94%), Bovine (89%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

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.

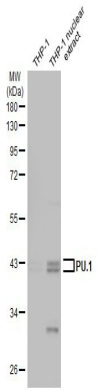
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Product Images For PU.1 Polyclonal Antibody



PU.1 Antibody (PA5-27457) in WB

Western Blot analysis of PU.1 was performed by separating 30 µg of THP-1 whole cell and nuclear extracts by 10% SDS-PAGE. Proteins were transferred to a membrane and probed with a PU.1 Polyclonal Antibody (Product # PA5-27457) at a dilution of 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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