

# LCN9 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP11727a

## Product Information

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<b>Application</b>	FC, WB, E
<b>Primary Accession</b>	<a href="#">Q8WX39</a>
<b>Other Accession</b>	<a href="#">NP_001001676.1</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB29459
<b>Calculated MW</b>	20285
<b>Antigen Region</b>	36-64

## Additional Information

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<b>Other Names</b>	Epididymal-specific lipocalin-9, MUP-like lipocalin, LCN9
<b>Target/Specificity</b>	This LCN9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-64 amino acids from the N-terminal region of human LCN9.
<b>Dilution</b>	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	LCN9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	LCN9 ( <a href="#">HGNC:17442</a> )
<b>Cellular Location</b>	Secreted.

## Background

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Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded

antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).

## References

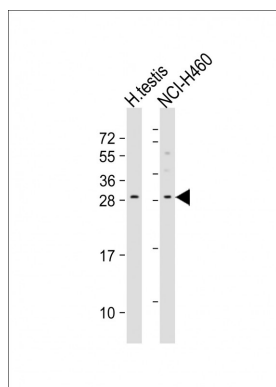
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Suzuki, K., et al. Gene 339, 49-59 (2004) :

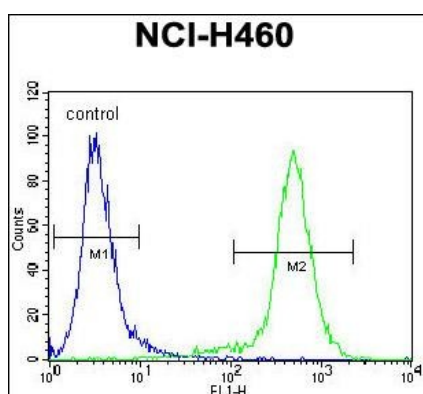
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

## Images

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All lanes : Anti-LCN9 Antibody (N-term) at 1:500-1:1000 dilution Lane 1: human testis lysate Lane 2: NCI-H460 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 20 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



LCN9 Antibody (N-term) (Cat. #AP11727a) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.