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# anti-LCN9 antibody (N-Term)

**Images** 



# Overview

Overview	
Quantity:	0.4 mL
Target:	LCN9
Binding Specificity:	AA 43-72, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LCN9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 43-72 amino acids from the N-terminal region of
	Human Lipocalin-9 Genename: LCN9
Isotype:	lg Fraction
Specificity:	This antibody recognizes Human Lipocalin-9 (N-term).
Purification:	Protein A column, followed by peptide affinity purification
Target Details	
Target:	LCN9
Alternative Name:	Lipocalin-9 (LCN9 Products)
Background:	Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-

### **Target Details**

	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]. Synonyms: Epididymal-specific lipocalin-9, LCN9
Molecular Weight:	21808 Da
Gene ID:	392399
NCBI Accession:	NP_001001676

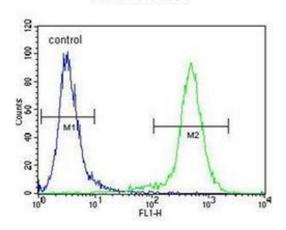
# Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

### Handling

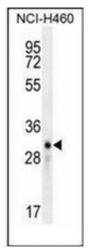
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

### **NCI-H460**



## Flow Cytometry

**Image 1.** Flow cytometric analysis of NCI-H460 cells using Lipocalin-9 Antibody (N-term) Cat.-No AP52455PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### **Western Blotting**

**Image 2.** Western blot analysis of Lipocalin-9 Antibody (Nterm) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the LCN9 antibody detected the LCN9 protein (arrow).