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LCN9 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11727a

Product Information

Application	FC, WB, E
Primary Accession	Q8WX39
Other Accession	NP_001001676.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB29459
Calculated MW	20285
Antigen Region	36-64

Additional Information

Other Names	Epididymal-specific lipocalin-9, MUP-like lipocalin, LCN9
Target/Specificity	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.
Dilution	FC~~1:10~50 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	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.
Storage	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.
Precautions	LCN9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LCN9 (HGNC:17442)
Cellular Location	Secreted.

Background

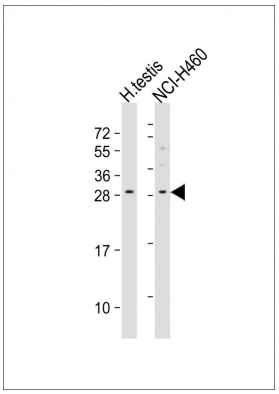
Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded

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]).

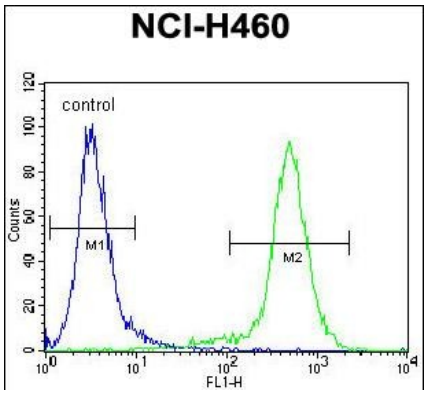
References

Suzuki, K., et al. Gene 339, 49-59 (2004) :
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

Images



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 µg 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.