

Rabbit anti-Human LCN1 Polyclonal Antibody | anti-LCN1 antibody

Anti-LCN1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45118	Rabbit	Human	Immunohistochemistry, Western Blot

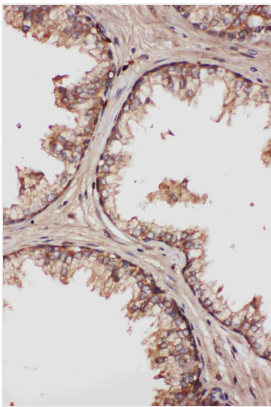
PRODUCT SYNONYMS

LCN1; Polyclonal Antibody; Anti-LCN1 antibody; Lipocalin-1; lipocalin 1; LCN1 antibody; LCN1_HUMAN antibody; Lipocalin 1(protein migrating faster than albumin; tear prealbumin) antibody; Lipocalin 1 like 2 antibody; Lipocalin-1 antibody; PMFA antibody; Tear lipocalin antibody; Tear prealbumin antibody; Tlc antibody; TP antibody; VEG protein antibody; VEGP antibody; Von Ebner gland protein antibody; anti-LCN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	176
Applicable Applications for anti-LCN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human LCN1 (110-124aa HVKDHYIFYCEGELH).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-LCN1 antibody, AAA45118, IHC(P) IHC(P): Human Prostatic Cancer Tissue



WB (Western Blot)
Anti-LCN1 antibody, AAA45118, Western blotting All lanes: Anti LCN1 (AAA45118) at 0.5ug/ml
Lane 1: JURKAT Whole Cell Lysate at 40ug
Lane 2: COLO320 Whole Cell Lysate at 40ug
Lane 3: SCG Whole Cell Lysate at 40ug
Lane 4: HELA Whole Cell Lysate at 40ug
Predicted bind size: 19KD
Observed bind size: 19KD

ADDITIONAL INFORMATION

Related Product Information for anti-LCN1 antibody

Description: Rabbit IgG polyclonal antibody for Lipocalin-1(LCN1) detection. Tested with WB, IHC-P in Human.
Background: Lipocalin-1(LCN1), also known as PREALBUMIN, TEAR or VEGP, is a protein that in humans is encoded by the LCN1 gene. Lipocalin-1 is a member of the lipocalin family of small secretory proteins, which is mapped on 9q34.3. Lipocalin-1 is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. It may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. LCN1 inhibits the cysteine-protease papain in vitro, similar to cystatins. And LCN1 plays a role in the nonimmunologic defense and in the control of inflammatory processes in oral and ocular tissues. The investigations presented the first clear evidence that LCN1 is induced in infection or inflammation and supported the idea that this lipocalin functions as a physiologic protection factor of epithelia in vivo.

NCBI AND UNIPROT INFORMATION

NCBI GI #	401346
NCBI GeneID	3933
UniProt Accession #	P31025; Q5T8A1
Molecular Weight	19,250 Da
NCBI Official Full Name	Lipocalin-1
NCBI Official Synonym Full Names	lipocalin 1
NCBI Official Symbol	LCN1
NCBI Official Synonym Symbols	TP; TLC; PMFA; VEGP
NCBI Protein Information	lipocalin-1; VEG protein; tear prealbumin; Von Ebner gland protein; lipocalin 1 (tear prealbumin); protein migrating faster than albumin
UniProt Protein Name	Lipocalin-1
UniProt Gene Name	LCN1
UniProt Synonym Gene Names	VEGP; Tlc; TP; VEG protein
UniProt Entry Name	LCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

