



## Anti-LCN1 (aa 24-120) polyclonal antibody (DPAB-DC1832)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. The encoded protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. The encoded protein may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogrens syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9.
<b>Immunogen</b>	LCN1 (NP_002288, 24 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is SDEEIQDVSGTWYLKAMTVDRFPEMNLESVTPMTLTTLEGGNLEAKVTMLISGRQCQEVK AVLEKTDEPGKYTADGGKHVAYIIRSHVKDHYIFYCE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">LCN1 lipocalin 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	LCN1
<b>Synonyms</b>	LCN1; lipocalin 1; TP; TLC; PMFA; VEGP; lipocalin-1; VEG protein; tear prealbumin; Von Ebner gland protein; lipocalin 1 (tear prealbumin); protein migrating faster than albumin;
<b>Entrez Gene ID</b>	<a href="#">3933</a>
<b>Protein Refseq</b>	<a href="#">NP_001239546</a>
<b>UniProt ID</b>	<a href="#">A0A024R8D7</a>
<b>Chromosome Location</b>	9q34
<b>Function</b>	cysteine-type endopeptidase inhibitor activity;

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