



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

Antigen Description	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.
Immunogen	LCN1 (NP_002288, 24 a.a. ~ 120 a.a) partial recombinant protein with GST tag. The sequence is SDEEIQDVSGTWYLKAMTVDREFPEMNLESVTPMTLTTLLEGGNLEAKVTMLISGRCQEVK AVLEKTDEPGKYTADGGKHVAYIIRSHVKDHYIFYCE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	LCN1 lipocalin 1 [Homo sapiens (human)]
Official Symbol	LCN1
Synonyms	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;
Entrez Gene ID	3933
Protein Refseq	NP_001239546
UniProt ID	A0A024R8D7
Chromosome Location	9q34
Function	cysteine-type endopeptidase inhibitor activity;