

## LCN1 Conjugated Antibody

Catalog No: #C31747



Package Size: #C31747-AF350 100ul #C31747-AF405 100ul #C31747-AF488 100ul  
 #C31747-AF555 100ul #C31747-AF594 100ul #C31747-AF647 100ul  
 #C31747-AF680 100ul #C31747-AF750 100ul #C31747-Biotin 100ul

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## Description

Product Name	LCN1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	most applications
Species Reactivity	Hu
Immunogen Description	Recombinant fusion protein of human LCN1 (NP_002288.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LCN1; PMFA; TLC; TP; VEGP; lipocalin-1
Accession No.	Swiss-Prot#:P31025NCBI Gene ID:3933
Uniprot	P31025
GeneID	3933;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	16kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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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 Sjogren's 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.

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Note: This product is for in vitro research use only