



Rabbit Anti-LCN12 antibody

SL20897R

Product Name:	LCN12
Chinese Name:	附睾特异蛋白12抗体
Alias:	Epididymal-specific lipocalin-12; LCN12; LCN12_MOUSE; Lipocalcin 12; Lipocalin 12; MGC34753; MGC48935.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	19kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse LCN12:51-150/193
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Members of the lipocalin family, such as LCN12, 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]).[supplied by OMIM, Aug 2009]

Function:

Binds all-trans retinoic acid and may act as a retinoid carrier protein within the epididymis. May play a role in male fertility.

Subcellular Location:

Secreted.

Similarity:

Belongs to the calycin superfamily. Lipocalin family.

SWISS:

Q6JVL5

Gene ID:

77701

Database links:

[Entrez Gene: 286256](#)Human

[Entrez Gene: 77701](#)Mouse

[Omim: 612905](#)Human

[SwissProt: Q6JVE5](#)Human

[SwissProt: Q6JVL5](#)Mouse

[Unigene: 440519](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.