

Rabbit Anti-LCN12/AF350 Conjugated antibody

SL20897R-AF350

Product Name	Anti-LCN12/AF350
Chinese Name	AF350 标记的附睾特异蛋白 12 抗体
Alias	Epididymal-specific lipocalin-12; LCN12; LCN12_MOUSE; Lipocalcin 12; Lipocalin 12; MGC34753; MGC48935.
Research Area	Cell biology Signal transduction t-lymphocyte
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Mouse,Rat) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	19kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse LCN12
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: 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.

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.