bs-18196R

[Primary Antibody]

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LCN8 Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 138307 SWISS: Q6JVE9

Target: LCN8

Immunogen: KLH conjugated synthetic peptide derived from human LCN8:

51-150/175.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: Members of the lipocalin family, such as LCN8, 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]

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)

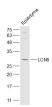
Reactivity: Mouse (predicted: Human)

Predicted 17

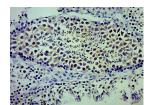
MW.: 17 KDa

Subcellular Location: Secreted

VALIDATION IMAGES



Sample: Epididymis (Mouse) Lysate at 40 ug Primary: Anti-LCN8 (bs-18196R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 17 kD Observed band size: 27 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LCN8) Polyclonal Antibody, Unconjugated (bs-18196R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

- SELECTED CITATIONS -

• [IF=3.885] Ziyang Sheng. et al. Zika virus disrupts the barrier structure and Absorption/Secretion functions of the epididymis in mice. Plos Neglect Trop D. 2021 Mar;15(3):e0009211 IHC; Mouse. 33667230