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LCN12 Rabbit pAb

Catalog # AP99710

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q6JVE5
Other Accession	Q6JVE5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21500
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LCN12
Epitope Specificity	61-160/192
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the calycin superfamily. Lipocalin family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	286256
Other Names	9230102M18Rik; LCN12_HUMAN; LCN12; LCN12_MOUSE; lipocalin 12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	LCN12
Function	Binds all-trans retinoic acid and may act as a retinoid carrier protein within the epididymis. May play a role in male fertility (By similarity).

Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.