

LSM12 Rabbit pAb

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Catalog # AP57080

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q3MHD2
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21701
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human LSM12
Epitope Specificity	101-195/195
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	LSM12 belongs to the LSM12 family. The exact function of LSM12 is not known.

Additional Information

Gene ID	124801
Other Names	Protein LSM12, LSM12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	LSM12
Function	Nicotinic acid adenine dinucleotide phosphate (NAADP) binding protein (PubMed: 34362892). Confers NAADP sensitivity to the two pore channel complex (TPCs) by acting as TPC accessory protein necessary for NAADP-evoked Ca(2+) release (PubMed: 34362892).

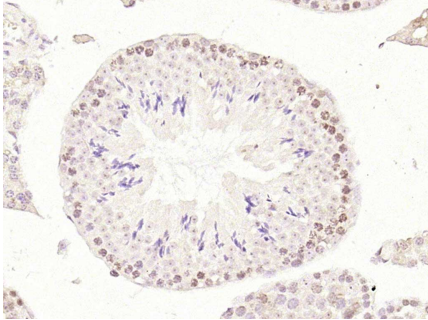
Cellular Location

Cytoplasm. Note=Colocalizes with TPCN2.

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Images



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 (LSM12) Polyclonal Antibody, Unconjugated (AP57080) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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