

**LSM12 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13111B**

**Specification**

**LSM12 Antibody (C-term) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q3MHD2</a>
Other Accession	<a href="#">Q9D0R8</a> , <a href="#">Q5ZML5</a> , <a href="#">Q0VCF9</a> , <a href="#">Q6NSN1</a> , <a href="#">NP_689557.1</a>
Reactivity	Mouse
Predicted	Zebrafish, Bovine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21701
Antigen Region	146-174

**LSM12 Antibody (C-term) - Additional Information**

**Gene ID** 124801

**Other Names**

Protein LSM12 homolog, LSM12

**Target/Specificity**

This LSM12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 146-174 amino acids from the C-terminal region of human LSM12.

**Dilution**

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

LSM12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**LSM12 Antibody (C-term) - 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](#)).

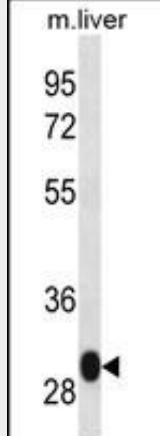
**Cellular Location**

Cytoplasm. Note=Colocalizes with TPCN2.

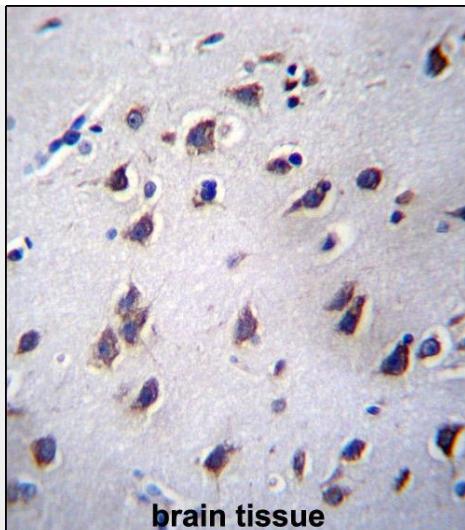
**LSM12 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**LSM12 Antibody (C-term) - Images**

LSM12 Antibody (C-term) (Cat. #AP13111b) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the LSM12 antibody detected the LSM12 protein (arrow).



LSM12 Antibody (C-term) (Cat. #AP13111b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LSM12 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **LSM12 Antibody (C-term) - Background**

LSM12 belongs to the LSM12 family. The exact function of LSM12 is not known.

#### **LSM12 Antibody (C-term) - References**

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :  
Albrecht, M., et al. FEBS Lett. 569 (1-3), 18-26 (2004) :