

Rabbit LSm4 Polyclonal Antibody | anti-LSm4 antibody

Rabbit anti-LSm4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA222920	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

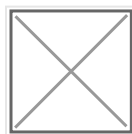
PRODUCT SYNONYMS

LSm4; Polyclonal Antibody; Rabbit anti-LSm4 Antibody; U6 snRNA-associated Sm-like protein LSm4; Glycine-rich protein; GRP; anti-LSm4 antibody

PRODUCT SPECIFICATIONS

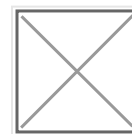
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-LSm4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human LSm4
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



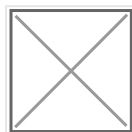
IF (Immunofluorescence)

Immunofluorescent analysis of LSm4 staining in U2OS cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of LSm4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of LSm4 expression in HepG2 (A), MCF7 (B), mouse kidney (C), mouse heart (D), rat liver (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-LSm4 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912486
NCBI GeneID	25804
NCBI Accession #	NP_036453.1
NCBI GenBank Nucleotide #	NM_012321.4
UniProt Accession #	Q9Y4Z0; Q9QXA5
Molecular Weight	15,350 Da
NCBI Official Full Name	U6 snRNA-associated Sm-like protein LSM4 isoform 1
NCBI Official Synonym Full Names	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)
NCBI Official Symbol	LSM4
NCBI Official Synonym Symbols	GRP; YER112W
NCBI Protein Information	U6 snRNA-associated Sm-like protein LSM4; glycine-rich protein
UniProt Protein Name	U6 snRNA-associated Sm-like protein LSM4
UniProt Gene Name	LSM4
UniProt Synonym Gene Names	GRP
UniProt Entry Name	LSM4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lsm4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/222920>