

## Product datasheet for **TA378154**

### LSM4 Rabbit Polyclonal Antibody

#### Product data:

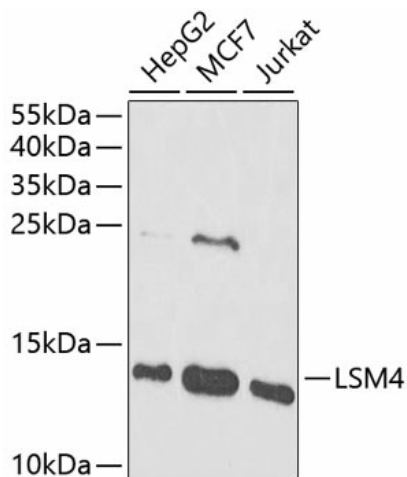
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:200 IF,1:50 - 1:200 IP,1:20 - 1:50
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-139 of human LSM4 (NP_036453.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at 4°C. Avoid freeze / thaw cycles.   Buffer: PBS with 0.02% sodium azide,pH7.3.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	15kDa
Gene Name:	LSM4 homolog, U6 small nuclear RNA and mRNA degradation associated
Database Link:	<a href="#">Entrez Gene 25804 Human Q9Y4Z0</a>
Background:	This gene encodes a member of the LS <sub>m</sub> family of RNA-binding proteins. LS <sub>m</sub> proteins form stable heteromers that bind specifically to the 3'-terminal oligo(U) tract of U6 snRNA and may play a role in pre-mRNA splicing by mediating U4/U6 snRNP formation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.



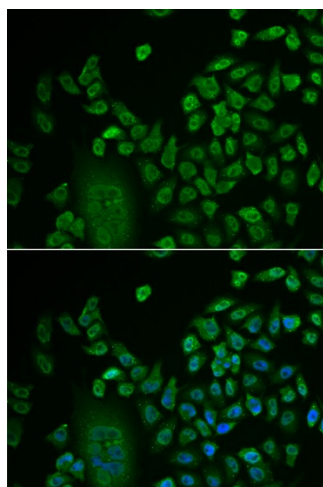
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Synonyms: GRP; YER112W

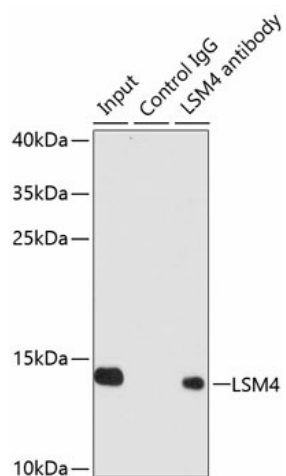
### Product images:



Western blot analysis of extracts of various cell lines, using LSM4 antibody (TA378154) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Enhanced Kit. | Exposure time: 5s.



Immunofluorescence analysis of HeLa cells using LSM4 antibody (TA378154) at dilution of 1:50. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200ug extracts of Jurkat cells using 1ug LSM4 antibody (TA378154). Western blot was performed from the immunoprecipitate using LSM4 antibody (TA378154) at a dilution of 1:1000.