

UBL5 Antibody(Ascites)
Mouse Monoclonal Antibody (Mab)
Catalog # AM2024a

Specification

UBL5 Antibody(Ascites) - Product Information

Application	WB,E
Primary Accession	O9BZL1
Other Accession	O9EPV8 , Q3T0Z3 , NP_001041706.1 , NP_077268.1
Reactivity	Human, Mouse
Predicted	Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1

UBL5 Antibody(Ascites) - Additional Information

Gene ID 59286

Other Names

Ubiquitin-like protein 5, UBL5

Target/Specificity

Purified His-tagged UBL5 protein was used to produced this monoclonal antibody.

Dilution

WB~~1:500~8000

Format

Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

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

UBL5 Antibody(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

UBL5 Antibody(Ascites) - Protein Information

Name UBL5

Function Ubiquitin-like protein that plays a role in cell proliferation and sister chromatid cohesion by associating with spliceosomal proteins (PubMed:[25092792](#)). Participates thereby in pre- mRNA splicing by maintaining spliceosome integrity. Promotes the functional integrity of the Fanconi anemia DNA repair pathway by interacting with FANCI component and subsequently mediating the

formation of FANCI homodimers (PubMed:[25862789](#)). Plays also a protective role against ER stress-induced apoptosis (PubMed:[37315790](#)).

Cellular Location

Cytoplasm. Nucleus. Nucleus, Cajal body

Tissue Location

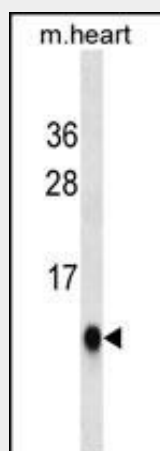
Ubiquitous. Highest level of expression in heart, skeletal muscle, kidney, liver, iris and lymphoblasts

UBL5 Antibody(Ascites) - 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](#)

UBL5 Antibody(Ascites) - Images



UBL5 Antibody (Cat. #AM2024a) western blot analysis in mouse heart tissue lysates (35µg/lane). This demonstrates the UBL5 antibody detected the UBL5 protein (arrow).

UBL5 Antibody(Ascites) - Background

Ubiquitin-like proteins (UBLs) are thought to be reversible modulators of protein function rather than protein degraders like ubiquitin (MIM 191339).

UBL5 Antibody(Ascites) - References

- de Krom, M., et al. *Biol. Psychiatry* 65(7):625-630(2009)
Sentinelli, F., et al. *J. Pediatr. Endocrinol. Metab.* 21(12):1139-1145(2008)
Bozaoglu, K., et al. *Hum. Biol.* 78(2):147-159(2006)
Wilkinson, C.R., et al. *Curr. Biol.* 14(24):2283-2288(2004)

Jowett, J.B., et al. Diabetes 53(9):2467-2472(2004)