



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ZSWIM8 polyclonal antibody

Catalog: BS35646

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Zinc finger SWIM domain-containing protein 8: Substrate recognition component of a SCF-like E3 ubiquitin-protein ligase complex that promotes target-directed microRNA degradation (TDMD), a process that mediates degradation of microRNAs (miRNAs). The SCF-like E3 ubiquitin-protein ligase complex acts by catalyzing ubiquitination and subsequent degradation of AGO proteins (AGO1, AGO2, AGO3 and/or AGO4), thereby exposing miRNAs for degradation. Specifically recognizes and binds AGO proteins when they are engaged with a TDMD target. May also act as a regulator of axon guidance: specifically recognizes misfolded ROBO3 and promotes its ubiquitination and subsequent degradation. Plays an essential role for proper embryonic development of heart and lung (By similarity). Controls protein quality of DAB1, a key signal molecule for brain development, thus protecting its signaling strength. Mechanistically, recognizes intrinsically disord...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~197 kDa

Swiss-Prot:

A7E2V4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of ZSWIM8 protein

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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