

MYZAP Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14769**Specification**

MYZAP Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	P0CAP1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MYZAP Antibody (C-Terminus) - Additional Information**Gene ID** 100820829;145781;81488**Other Names**

Myocardial zonula adherens protein, GRINL1A upstream protein, Gup, MYZAP, MYOZAP

Target/Specificity

Human GCOM1. Multiple isoforms of MYOZAP are known to exist.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

MYZAP Antibody (C-Terminus) - Protein Information**Name** MYZAP**Synonyms** MYOZAP**Function**

Plays a role in cellular signaling via Rho-related GTP- binding proteins and subsequent activation of transcription factor SRF (By similarity). Targets TJP1 to cell junctions. In cortical neurons, may play a role in glutaminergic signal transduction through interaction with the NMDA receptor subunit GRIN1 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q5EB94}. Cell membrane {ECO:0000250|UniProtKB:Q5EB94}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q5EB94}; Cytoplasmic side {ECO:0000250|UniProtKB:Q5EB94}. Cytoplasm, myofibril, sarcomere, I band {ECO:0000250|UniProtKB:Q5EB94}. Cytoplasm, myofibril, sarcomere, Z line {ECO:0000250|UniProtKB:Q5EB94}. Cell junction Note=Detected predominantly at the intercalated disk in cardiomyocytes, and at low levels on sarcomeric Z disks. Colocalizes

with F-actin Colocalizes with cortical actin. {ECO:0000250|UniProtKB:Q5EB94}

Tissue Location

Detected in heart, liver, skeletal muscle, placenta, small intestine, lung, prostate and testis.
Expressed in arrector pili muscle (at protein level) (PubMed:29034528)

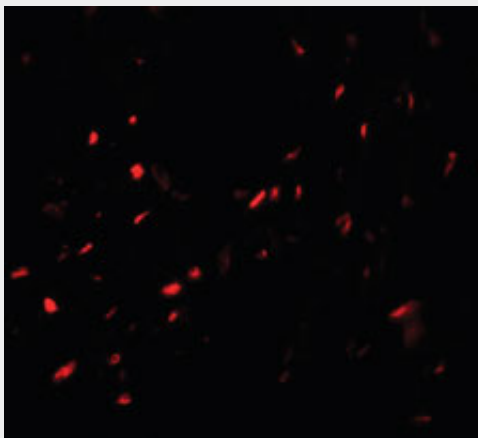
Volume

50 μ l

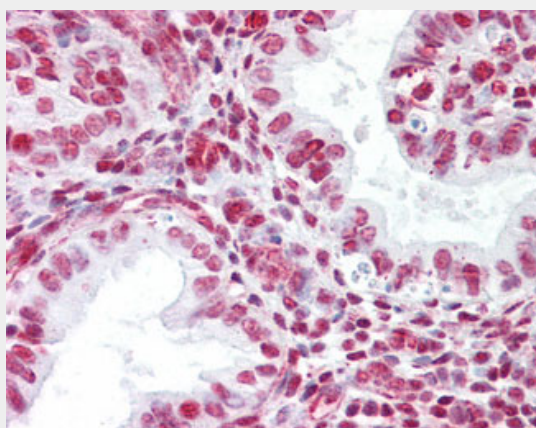
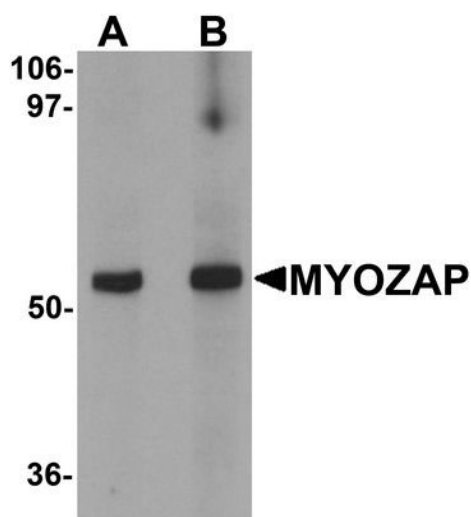
MYZAP Antibody (C-Terminus) - Protocols

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](#)

MYZAP Antibody (C-Terminus) - Images

Immunofluorescence of MYOZAP in human lung tissue with MYOZAP antibody at 20 ug/ml.



Anti-GCOM1 antibody IHC of human uterus.