

MTUS2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13813**Specification**

MTUS2 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q5JR59
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150kDa KDa

MTUS2 Antibody (C-Terminus) - Additional Information**Gene ID** 23281**Other Names**

Microtubule-associated tumor suppressor candidate 2, Cardiac zipper protein, Microtubule plus-end tracking protein TIP150, Tracking protein of 150 kDa, MTUS2, CAZIP, KIAA0774, TIP150

Target/Specificity

Human KIAA0774

Reconstitution & Storage

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

Precautions

MTUS2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MTUS2 Antibody (C-Terminus) - Protein Information**Name** MTUS2**Synonyms** CAZIP, KIAA0774, TIP150**Function**

Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip.

Cellular Location

Cytoplasm, cytoskeleton. Note=Associated with the microtubule network at the growing distal tip (the plus-end) of microtubules

Tissue Location

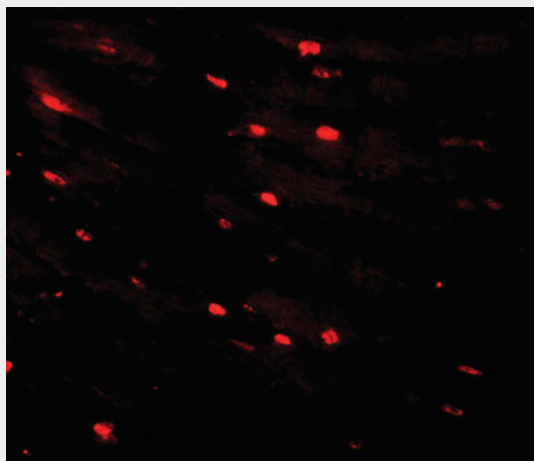
Detected in embryonic stem cells differentiating to cardiomyocytes.

MTUS2 Antibody (C-Terminus) - Protocols

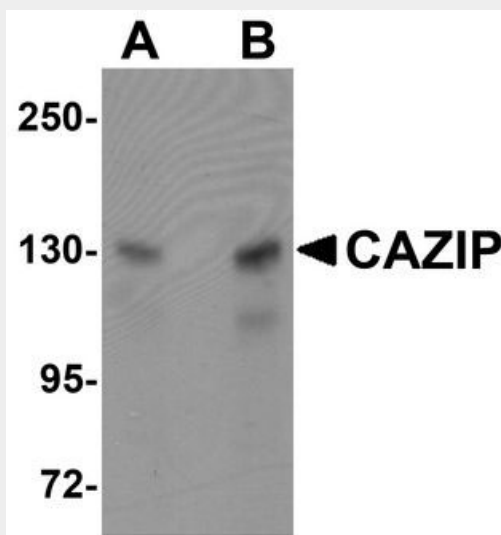
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

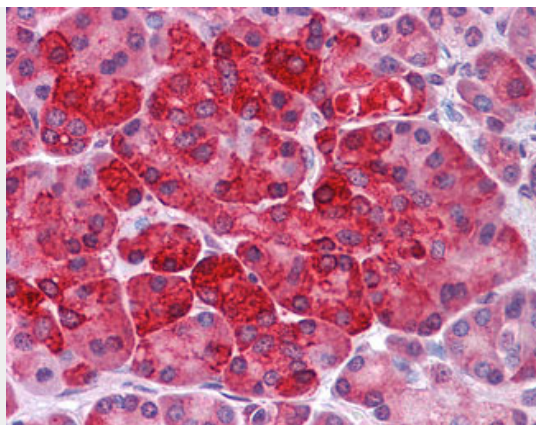
MTUS2 Antibody (C-Terminus) - Images



Immunofluorescence of CAZIP in mouse heart tissue with CAZIP antibody at 20 ug/ml.



Western blot analysis of CAZIP in A20 cell lysate with CAZIP antibody at (A) 0.5 and (B) 1 ug/ml.



Anti-MTUS2 / KIAA0774 antibody IHC of human pancreas.

MTUS2 Antibody (C-Terminus) - Background

Binds microtubules. Together with MAPRE1 may target the microtubule depolymerase KIF2C to the plus-end of microtubules. May regulate the dynamics of microtubules at their growing distal tip.

MTUS2 Antibody (C-Terminus) - References

Nagase T.,et al.DNA Res. 5:277-286(1998).
Ohara O.,et al.Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham A.,et al.Nature 428:522-528(2004).
Du Puy L.,et al.Dev. Dyn. 238:2903-2911(2009).