

MTUS2 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14875

Product Information

Application	WB
Primary Accession	Q5JR59
Other Accession	NM_001033602 , EAX08439
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine, Yeast
Predicted Host	Human, Mouse, Rabbit, Pig, Dog, Guinea Pig
Clonality	Rabbit
Calculated MW	Polyclonal 150195

Additional Information

Gene ID	23281
Alias Symbol	CAZIP, KIAA0774, TIP150
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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-MTUS2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	MTUS2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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

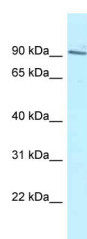
Tissue Location

Detected in embryonic stem cells differentiating to cardiomyocytes.

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).

Images



WB Suggested Anti-MTUS2 Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.