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MTUS2 Antibody (C-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22059b

Product Information

Application	WB, E
Primary Accession	Q5JR59
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55348
Calculated MW	150195

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	This MTUS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 917-949 amino acids from human MTUS2.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	MTUS2 Antibody (C-Term) 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.

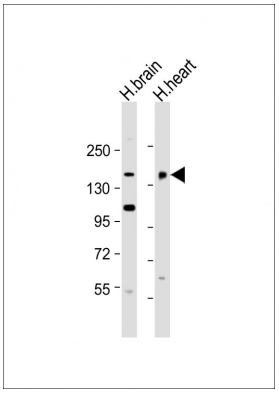
Background

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.

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



All lanes : Anti-MTUS2 Antibody (C-Term) at 1:2000 dilution Lane 1: human brain lysate Lane 2: human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 150 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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