10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

T150A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9366c

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q86TG1
Other Accession	Q91WN2
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24814
Calculated MW	28835
Antigen Region	81-108

Additional Information

Gene ID	129303
Other Names	Transmembrane protein 150A, Transmembrane protein 150, TMEM150A, TMEM150
Target/Specificity	This T150A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-108 amino acids from the Central region of human T150A.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 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	T150A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TMEM150A
Synonyms	TMEM150

Function	Regulates localization of phosphatidylinositol 4-kinase (PI4K) to the plasma membrane, possibly by reducing the association of TTC7 (TTC7A or TTC7B) with the PI4K complex (PubMed:25608530). Acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed:25608530). May also play a role in fasting-induced catabolism (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein Note=Localizes mainly at the plasma membrane; only a minor fraction localizes on intracellular structures (PubMed:25608530)

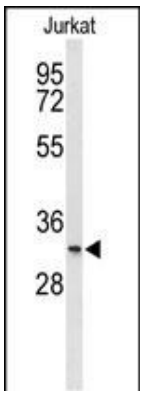
Background

T150A is possible role in fasting-induced catabolism.

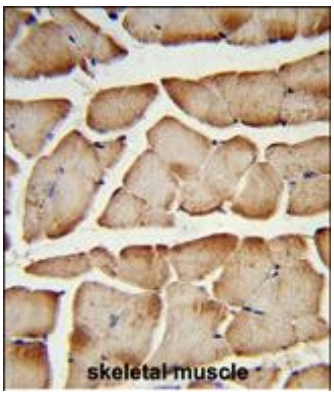
References

Zhang,J. Biochim. Biophys. Acta 1492 (1), 280-284 (2000)

Images

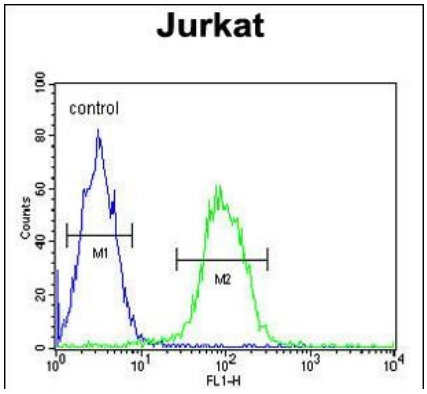


Western blot analysis of T150A Antibody (Center) (Cat. #AP9366c) in Jurkat cell line lysates (35ug/lane). T150A (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human skeletal muscle reacted with T150A Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

T150A Antibody (Center) (Cat. #AP9366c) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



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