

# T150A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9366c

## Product Information

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<b>Application</b>	WB, IHC-P, FC, E
<b>Primary Accession</b>	<a href="#">Q86TG1</a>
<b>Other Accession</b>	<a href="#">Q91WN2</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB24814
<b>Calculated MW</b>	28835
<b>Antigen Region</b>	81-108

## Additional Information

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<b>Gene ID</b>	129303
<b>Other Names</b>	Transmembrane protein 150A, Transmembrane protein 150, TMEM150A, TMEM150
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	T150A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	TMEM150A
<b>Synonyms</b>	TMEM150

<b>Function</b>	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: <a href="#">25608530</a> ). Acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (PubMed: <a href="#">25608530</a> ). May also play a role in fasting-induced catabolism (By similarity).
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein Note=Localizes mainly at the plasma membrane; only a minor fraction localizes on intracellular structures (PubMed:25608530)

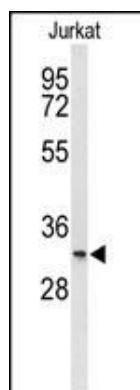
## Background

T150A is possible role in fasting-induced catabolism.

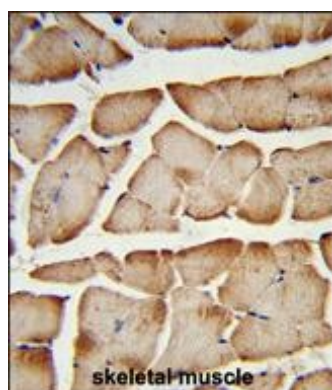
## References

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

## Images

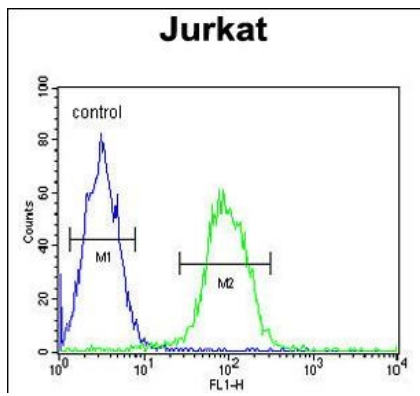


Western blot analysis of T150A Antibody (Center) (Cat. #AP9366c) in Jurkat cell line lysates (35ug/lane). T150A (arrow) was detected using the purified Pab.



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'.