

TRIP6 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1771a**Specification****TRIP6 Antibody - Product Information**

Application	WB, FC, E
Primary Accession	Q15654
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	50.3kDa KDa

Description

This gene is a member of the zyxin family and encodes a protein with three LIM zinc-binding domains. This protein localizes to focal adhesion sites and along actin stress fibers. Recruitment of this protein to the plasma membrane occurs in a lysophosphatidic acid (LPA)-dependent manner and it regulates LPA-induced cell migration. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

Immunogen

Purified recombinant fragment of human TRIP6 (AA: 107-291) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

TRIP6 Antibody - Additional Information

Gene ID 7205

Other Names

Thyroid receptor-interacting protein 6, TR-interacting protein 6, TRIP-6, Opa-interacting protein 1, OIP-1, Zyxin-related protein 1, ZRP-1, TRIP6, OIP1

Dilution

WB~~1/500 - 1/2000

FC~~1/200 - 1/400

E~~1/10000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRIP6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TRIP6 Antibody - Protein Information

Name TRIP6

Synonyms OIP1

Function

Relays signals from the cell surface to the nucleus to weaken adherens junction and promote actin cytoskeleton reorganization and cell invasiveness. Involved in lysophosphatidic acid-induced cell adhesion and migration. Acts as a transcriptional coactivator for NF- κ B and JUN, and mediates the transrepression of these transcription factors induced by glucocorticoid receptor.

Cellular Location

Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Nucleus. Cytoplasm Note=Shuttles between nucleus and cytoplasm (PubMed:16624523) Colocalizes with actin (PubMed:10826496).

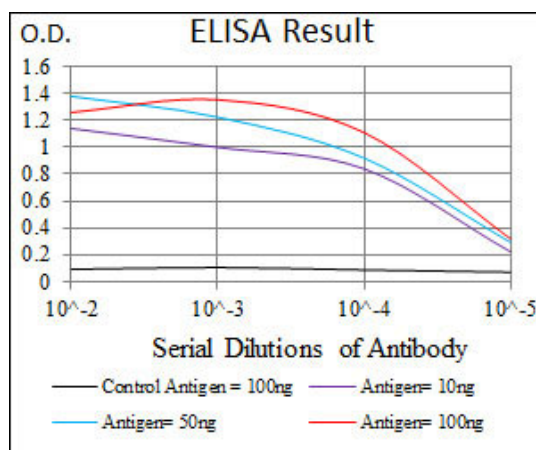
Tissue Location

Abundantly expressed in kidney, liver and lung. Lower levels in heart, placenta and pancreas. Expressed in colonic epithelial cells. Up-regulated in colonic tumors

TRIP6 Antibody - 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](#)



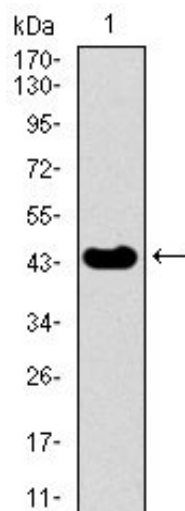


Figure 1: Western blot analysis using TRIP6 mAb against human TRIP6 recombinant protein. (Expected MW is 44.4 kDa)

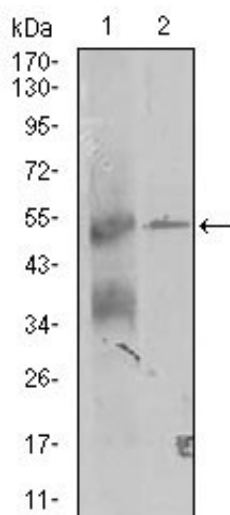


Figure 2: Western blot analysis using TRIP6 mouse mAb against K562 and A431 (2) cell lysate.

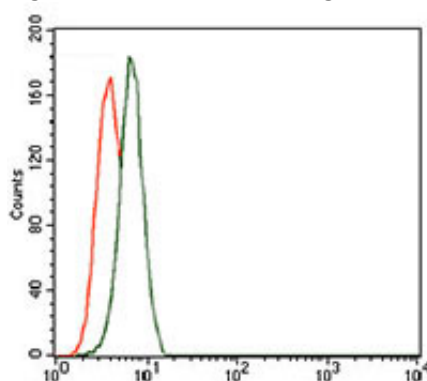


Figure 3: Flow cytometric analysis of K562 cells using TRIP6 mouse mAb (green) and negative control (red).

TRIP6 Antibody - References

1. Biol Cell. 2011 Dec 1;103(12):573-91. 2. Mol Cell Biol. 2010 Dec;30(23):5582-96.

