

For Research Use Only

# TRIB3 Monoclonal antibody

Catalog Number: 66702-1-Ig **3 Publications**



## Basic Information

Catalog Number: 66702-1-Ig	GenBank Accession Number: BC027484	Purification Method: Protein G purification
Concentration: 1800 ug/ml	GeneID (NCBI): 57761	CloneNo.: 2C10C7
Source: Mouse	UNIPROT ID: Q96RU7	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: tribbles homolog 3 (Drosophila)	
Immunogen Catalog Number: AG25776	Calculated MW: 358 aa, 40 kDa	
	Observed MW: 40-45 kDa	

## Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HT-29 cells, MCF-7 cells, rat liver tissue, mouse hepatocytes, DU 145 cells, LNCaP cells, PC-3 cells, HUVEC cells, HepG2 cells, L02 cells
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

## Background Information

TRIB3 is a pseudokinase molecule that affects a number of cellular functions. TRIB3 has been reported to be highly activated in the presence of a variety of stressors, including the deprivation of neurotrophic factors, hypoxia, and ER stress. TRIB3 protein is associated with a good prognosis in human breast cancer patients, possibly due to the fact that TRIB3 is involved in hypoxia tolerance. (PMID: 21704407). TRIB3 protein predicted molecular weights is approximately 39-45 kDa. (PMID: 31191318, PMID: 24414038, PMID: 31578236).

## Notable Publications

Author	Pubmed ID	Journal	Application
Hang Zhao	31118581	Drug Des Devel Ther	WB
Yang-Yang Lu	39454374	Phytomedicine	WB
Jean-David Morel	36752209	JCI Insight	WB

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

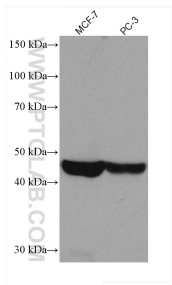
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

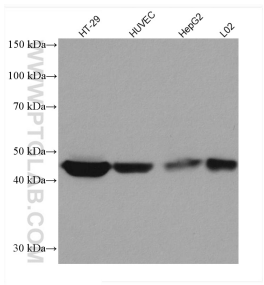
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66702-1-Ig (TRIB3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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