For Research Use Only

TRIB3 Monoclonal antibody

Catalog Number:66702-1-Ig 6 Publications

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Basic Information

Catalog Number:
66702-1-Ig

Size:
150ul , Concentration: 1800 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG25776

GenBank Accession Number:
BC027484

GeneID (NCBI):
57761

UNIPROT ID:
Q96RU7

Full Name:
tribbles homolog 3 (Drosophila)

Calculated MW:
358 aa, 40 kDa

Observed MW:
40-45 kDa

Purification Method:
Protein G purification

CloneNo.:
2C10C7

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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

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
Jie Miao	42811478	Adv Sci (Weinh)	
Miriam Piccioni	41380494	Biomed Pharmacother	

Storage

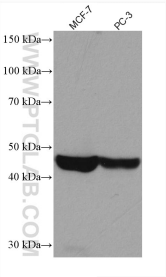
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

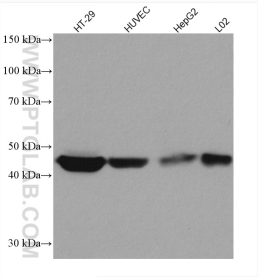
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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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