

For Research Use Only

TIAM2 Polyclonal antibody

Catalog Number: 26870-1-AP



Basic Information

Catalog Number: 26870-1-AP	GenBank Accession Number: BC137275	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop;	GeneID (NCBI): 26230	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: T-cell lymphoma invasion and metastasis 2	
Isotype: IgG	Observed MW: 190-200 kDa	
Immunogen Catalog Number: AG25469		

Applications

Tested Applications: FC, WB, ELISA	Positive Controls: WB : BxPC-3 cells, U2OS cells, mouse testis tissue, rat testis tissue
Species Specificity: human, mouse, rat	

Background Information

TIAM2 is a Rac1-specific GEF, which was identified originally as a homologue of TIAM1. TIAM2 plays a critical role in the malignancy development of many human cancers. TIAM2 expression upregulates N-cadherin and vimentin, thus enhancing epithelial-to-mesenchymal transition (EMT) and leading to the enhancement of proliferation and invasion in hepatoma cells.

Storage

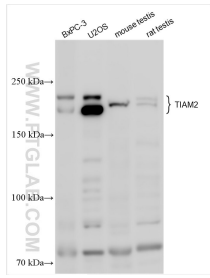
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

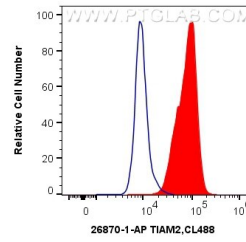
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26870-1-AP (TIAM2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 K-562 cells were intracellularly stained with 0.4 ug Anti-Human TIAM2 (26870-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).