10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-TIG1 Antibody

Catalog # AP53949

Product Information

Application	WB, IF/IC
Primary Accession	P49788
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33285

Additional Information

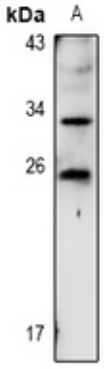
Gene ID	5918
Other Names	TIG1; Retinoic acid receptor responder protein 1; RAR-responsive protein TIG1; Tazarotene-induced gene 1 protein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TIG1. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

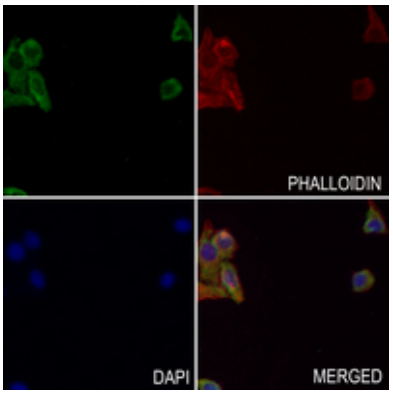
Name	RARRES1
Synonyms	PEIG1, TIG1
Function	Inhibitor of the cytoplasmic carboxypeptidase AGBL2, may regulate the alpha-tubulin tyrosination cycle.
Cellular Location	Membrane; Single- pass type III membrane protein. Secreted
Tissue Location	Detected in urine (at protein level).

Images

Western blot analysis of TIG1 expression in HCT116 (A)



whole cell lysates. (Predicted band size: 33 kD; Observed band size: 33; 25 kD)



Immunofluorescent analysis of TIG1 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.