

For Research Use Only

TACSTD2/TROP2 Polyclonal antibody



Catalog Number: 29856-1-AP

Basic Information

Catalog Number: 29856-1-AP	GenBank Accession Number: BC009409	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop;	GeneID (NCBI): 4070	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Source: Rabbit	Full Name: tumor-associated calcium signal transducer 2	
Isotype: IgG	Calculated MW: 36 kDa	
Immunogen Catalog Number: AG31473	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : A431 cells, HaCaT cells
Species Specificity: Human	IF : HaCaT cells,

Background Information

Trophoblast cell surface antigen 2 (TROP2), also named as TACSTD2, is a transmembrane glycoprotein. TROP2 plays a role in transducing intracellular calcium signals. It is expressed in trophoblast cells, cornea and multi-stratified epithelia. TROP2 is overexpressed in most carcinomas and is involved in cancer proliferation, migration, invasion, and metastasis. Congenital mutations of TROP2 cause a rare autosomal recessive disease which may lead to blindness-the gelatinous drop-like corneal disease (PMID: 35688908).

Storage

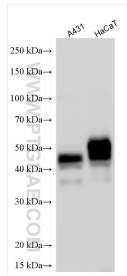
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

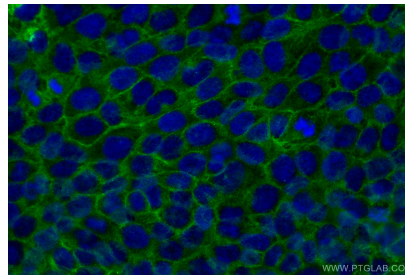
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 29856-1-AP (TACSTD2/TROP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HaCaT cells using TACSTD2/TROP2 antibody (29856-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).