

## TMEM14A Antibody

PACO30486

### Description

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This TMEM14A Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** PACO30486  
**Contents:** 50µg  
Bradford Reagent: 1 vial (2ml)  
**Category:** -  
**Synonyms:** TMEM14A, C6orf73, PTD011, Transmembrane protein 14A  
**Clone:** Polyclonal  
**Applications:** **ELISA** **WB** **IHC** **IF**  
**Conjugation:** Non-conjugated  
**Reactivity:** Human

### Antibody Data

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**Isotype:** IgG  
**Uniprot:** Q9Y6G1  
**Host Species:** Rabbit  
**Purification:** >95%, Protein G purified  
**Immunogen:** Recombinant Human Transmembrane protein 14A protein (45-78AA)  
**Immunogen Species:** Homo sapiens (Human)  
**Buffer:** Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4  
**Form:** Liquid

## Preparation & Storage

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**Storage:** Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. Store Bradford Reagent at Room Temperature for 1 Year.

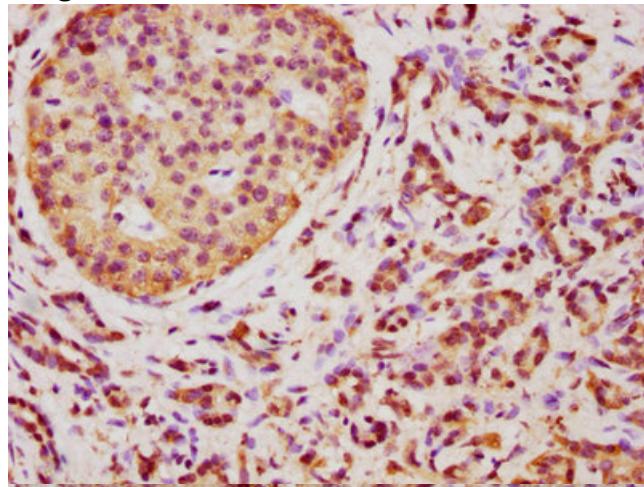
Recommended Dilutions:	Application	Recommended Dilution
	WB	1:500-1:5000
	IHC	1:200-1:500
	IF	1:50-1:200

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

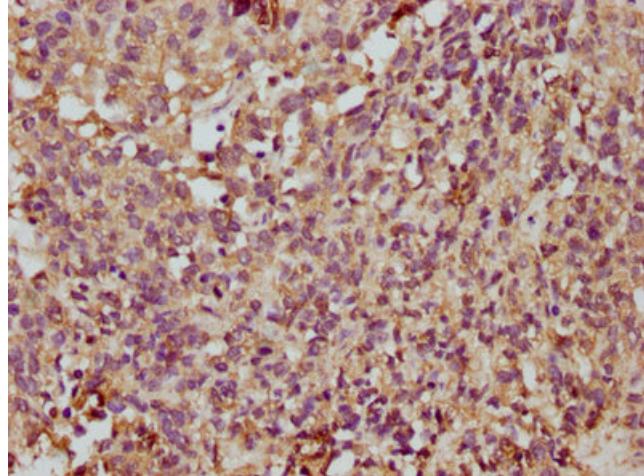
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### Image

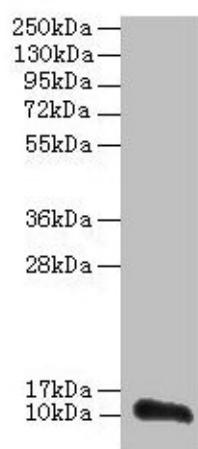


### Description

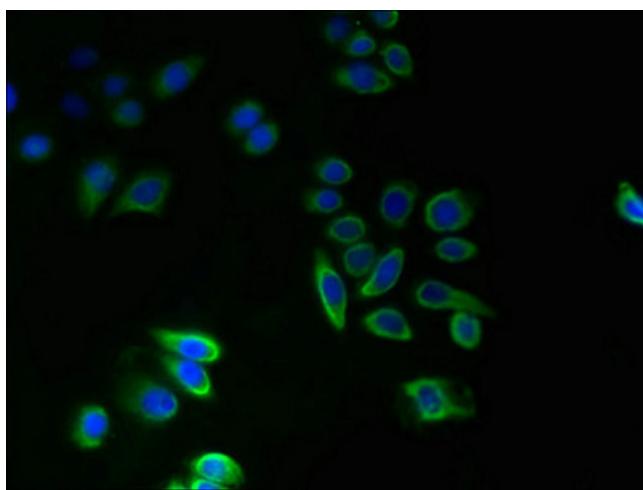
IHC image of PACO30486 diluted at 1:350 and staining in paraffin-embedded human pancreatic cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC image of PACO30486 diluted at 1:350 and staining in paraffin-embedded human ovarian cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western blot All lanes: TMEM14A antibody at 0.8 $\mu$ g/ml + PC-3 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 11 kDa Observed band size: 11 kDa



Immunofluorescent analysis of PC-3 cells using PACO30486 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)