

## TMEM176A Rabbit pAb

TMEM176A Rabbit pAb **Catalog # AP93980** 

### **Specification**

## TMEM176A Rabbit pAb - Product Information

Application **Primary Accession** 

Reactivity Host Clonality Calculated MW **Physical State** Immunogen

**Epitope Specificity** 

Isotype **Purity** 

affinity purified by Protein A

Buffer

SUBCELLULAR LOCATION

**SIMILARITY** Important Note WB, IHC-P, IHC-F, IF

**09DCS1** Mouse **Rabbit Polyclonal 26 KDa** Liquid

KLH conjugated synthetic peptide derived

from MOUSE TMEM176A

1-100/235

laG

0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

Membrane.

Belongs to the TMEM176 family.

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

## **Background Descriptions**

TMEM176A is a 235 amino acid multi-pass membrane protein belonging to the TMEM176 family. The gene encoding GS188 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

# TMEM176A Rabbit pAb - Additional Information

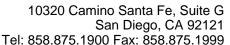
### **Gene ID 66058**

#### **Other Names**

Transmembrane protein 176A, Gene signature 188, Kidney-expressed gene 2 protein, Tmem176a, Gs188, Keq2

### Dilution

<span class ="dilution WB">WB~~1:1000</span><br \><span class</pre> ="dilution\_IHC-P">IHC-P~~N/A</span><br/>span class





="dilution IHC-F">IHC-F~~N/A</span><br/>span class = "dilution IF">IF~~1:50~200</span>

## **Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

### TMEM176A Rabbit pAb - Protein Information

Name Tmem176a

Synonyms Gs188, Keg2

**Cellular Location** 

Membrane; Multi-pass membrane protein

**Tissue Location** 

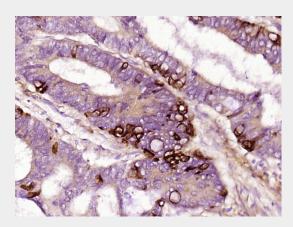
Specifically expressed in lung, kidney and spleen.

## TMEM176A Rabbit pAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

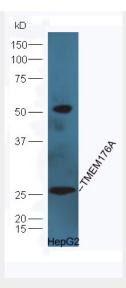
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

#### TMEM176A Rabbit pAb - Images

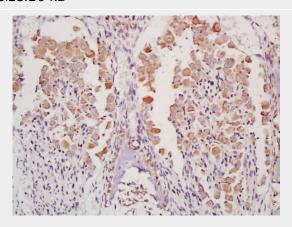


Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (TMEM176A) Polyclonal Antibody, Unconjugated (AP93980) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

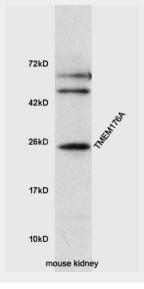




Protein: HepG2(human) lysates at 30ug; Primary: rabbit Anti-TMEM176A (AP93980) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size:26 kD Observed band size:26 kD

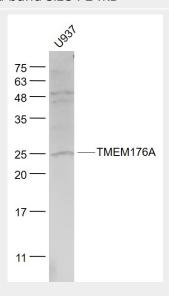


Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-TMEM176A Polyclonal Antibody, Unconjugated(AP93980) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining





Protein: mouse kidney lysates, 30ug; Primary: Anti-TMEM176A (AP93980) at 1:300; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1:5000; ECL excitated the fluorescence; Predicted band size : 24kD Observed band size : 24kD



Sample: U937(Human) Cell Lysate at 30 ug Primary: Anti- TMEM176A (AP93980) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kD Observed band size: 25 kD

# TMEM176A Rabbit pAb - Background

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