

TMEM176A Rabbit pAb

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Catalog # AP93980

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9DCS1
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26596
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from MOUSE TMEM176A
Epitope Specificity	1-100/235
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane.
Important Note	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.

Additional Information

Gene ID	66058
Other Names	Transmembrane protein 176A, Gene signature 188, Kidney-expressed gene 2 protein, Tmem176a, Gs188, Keg2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

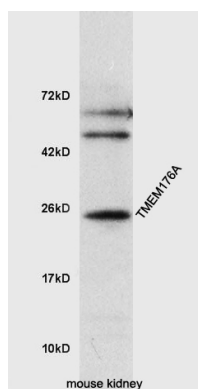
Protein Information

Name	Tmem176a
Synonyms	Gs188, Keg2
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Specifically expressed in lung, kidney and spleen.

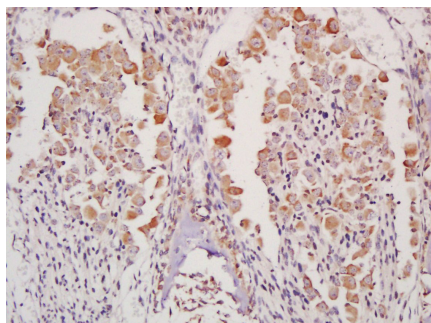
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Images



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



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

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