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TMEM176A Rabbit pAb

Catalog # AP96749

Product Information

Application	WB, E
Primary Accession	Q4G068
Other Accession	Q4G068
Predicted	Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26613
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from rat TMEM176A
Epitope Specificity	21-120/245
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the TMEM176 family.
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	297077
Other Names	GS188; HCA112; MS4B1; 0610011I04Rik; Keg2; RGD1310725; T176A_HUMAN; TMEM176A; Hepatocellular carcinoma-associated antigen 112; T176A_MOUSE; Gene signature 188; Kidney-expressed gene 2 protein; T176A_RAT; transmembrane protein 176A
Dilution	WB=1:500-2000,ELISA=1:5000-10000
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
Cellular Location	Membrane; Multi-pass membrane protein

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