



Rabbit Anti-TMEM176A antibody

SL13623R

Product Name:	TMEM176A
Chinese Name:	Transmembrane protein176A抗体
Alias:	GS188; HCA112; Hepatocellular carcinoma-associated antigen 112; likley ortholog of mouse GS188; T176A RAT; Tmem176a; Transmembrane protein 176A.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	26kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from rat TMEM176A:21-120/245
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

Subcellular Location:

Membrane.

Similarity:

Belongs to the TMEM176 family.

SWISS:

Q4G068

Gene ID:

297077

Database links:

[Entrez Gene: 55365](#)Human

[Entrez Gene: 66058](#)Mouse

[Entrez Gene: 297077](#)Rat

[Omir: 610334](#)Human

[SwissProt: Q96HP8](#)Human

[SwissProt: Q9DCS1](#)Mouse

[SwissProt: Q4G068](#)Rat

[Unigene: 647116](#)Human

[Unigene: 27061](#)Mouse

[Unigene: 17071](#)Rat

Important Note:

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