

For Research Use Only

# TMEM182 Polyclonal antibody

Catalog Number: 25366-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 25366-1-AP	<b>GenBank Accession Number:</b> BC130308	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 800 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 130827	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6ZP80	
<b>Isotype:</b> IgG	<b>Full Name:</b> transmembrane protein 182	
<b>Immunogen Catalog Number:</b> AG21906	<b>Calculated MW:</b> 229 aa, 26 kDa	
	<b>Observed MW:</b> 15 kDa 26 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : mouse skeletal muscle tissue, IHC : human liver cancer tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

TMEM182 may function in upon brown preadipocyte to adipocyte conversion. TMEM182 has some isoforms with MW 12-15 kDa and 26 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Hirofumi Morihara	39512841	FASEB Bioadv	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

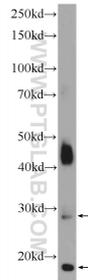
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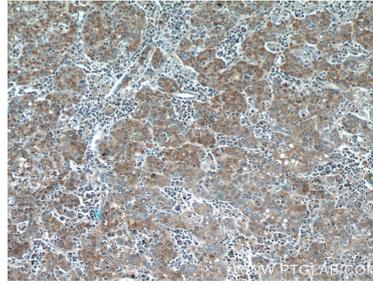
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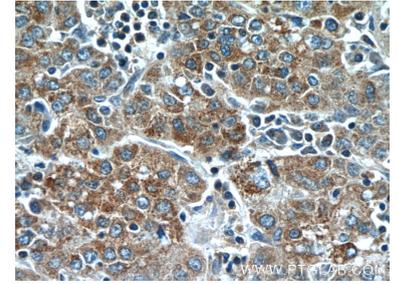
## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 25366-1-AP (TMEM182 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25366-1-AP (TMEM182 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 25366-1-AP (TMEM182 Antibody) at dilution of 1:50 (under 40x lens).