

For Research Use Only

# ITM2A Polyclonal antibody

Catalog Number: 14407-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 14407-1-AP	<b>GenBank Accession Number:</b> BC040437	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9452	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> integral membrane protein 2A	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 30 kDa	
<b>Immunogen Catalog Number:</b> AG5692	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse lung tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> mouse	

## Background Information

Integral membrane protein 2A (ITM2A) is a single-pass type II membrane protein belonging to a family, which is composed of at least two other members ITM2B and ITM2C. ITM2A can be induced during thymocyte selection and T cell activation. In early stages of differentiation ITM2A may be associated with an inhibition of the initiation of chondrogenesis. Catalog# 14407-1-AP recognises two band of 30 kDa and 45-48 kDa, and the additional 45-48 kDa band may be due to glycosylation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rui Zhang	33680917	Front Oncol	WB
Stephanie J Davies	28872940	Adipocyte	WB

## Storage

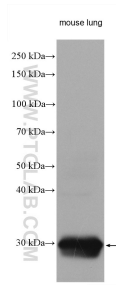
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 14407-1-AP (ITM2A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.