

For Research Use Only

# SHROOM4 Polyclonal antibody, PBS Only

Catalog Number: 31712-1-PBS



## Basic Information

<b>Catalog Number:</b> 31712-1-PBS	<b>GenBank Accession Number:</b> BC151240	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 57477	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9ULL8	
<b>Isotype:</b> IgG	<b>Full Name:</b> shroom family member 4	
<b>Immunogen Catalog Number:</b> AG36423		

## Applications

**Tested Applications:**  
IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human, mouse

## Background Information

The Shroom-related gene SHROOM4 (formerly called KIAA1202) has also been implicated in neural development, as mutations in this gene are associated with human X-linked mental retardation. SHROOM4 is expressed in a wide range of tissue types during mouse development, including the vascular endothelium of the lung and the polarized epithelium of the neural tube and kidney.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

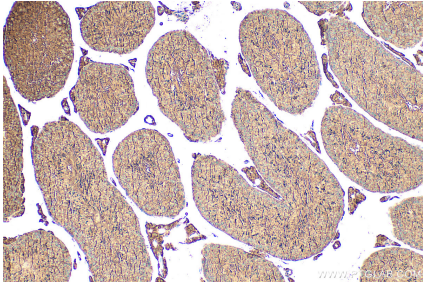
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

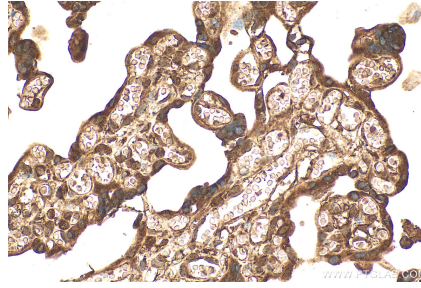
W: [ptgcn.com](http://ptgcn.com)

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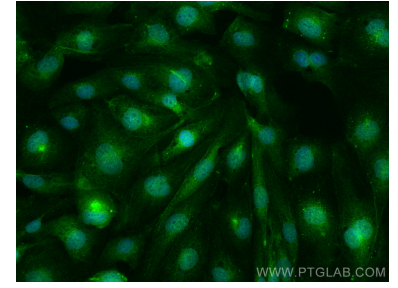
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 31712-1-AP (SHROOM4 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31712-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31712-1-AP (SHROOM4 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31712-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using SHROOM4 antibody (31712-1-AP) at dilution of 1:200 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 31712-1-PBS in a different storage buffer formulation.