

For Research Use Only

PTPN14 Monoclonal antibody, PBS Only



Catalog Number: 67744-1-PBS

Basic Information

Catalog Number: 67744-1-PBS	GenBank Accession Number: BC101754	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 5784	CloneNo.: 1B8C8
Source: Mouse	UNIPROT ID: Q15678	
Isotype: IgG1	Full Name: protein tyrosine phosphatase, non-receptor type 14	
Immunogen Catalog Number: AG12679	Calculated MW: 1187 aa, 135 kDa	
	Observed MW: 150 kDa	

Applications

Tested Applications:
WB,IHC,ELISA

Species Specificity:
Human

Background Information

PTPN14 (tyrosine-protein phosphatase non-receptor type 14) is also named as PEZ and belongs to the protein-tyrosine phosphatase family and non-receptor class subfamily. It is a multi-domain protein expressed in breast, kidney, skeletal muscle, lung, placenta, and characterized by an N-terminal FERM domain and a C-terminal PTP domain with an intervening sequence containing an acidic region and a putative SH3 domain-binding sequence (PMID: 21701840). Defects in PTPN14 are a cause of choanal atresia and lymphedema (CHATLY).

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

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

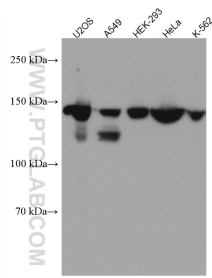
T: 4006900926

E: Proteintech-CN@ptglab.com

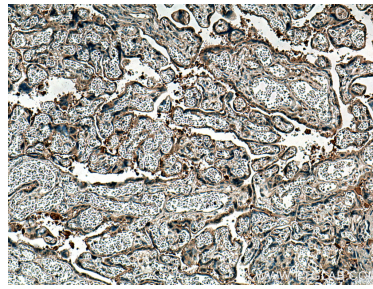
W: ptgcn.com

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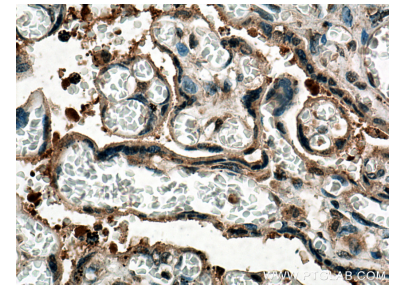
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67744-1-Ig (PTPN14 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67744-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67744-1-Ig (PTPN14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67744-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 67744-1-Ig (PTPN14 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67744-1-PBS in a different storage buffer formulation.