

For Research Use Only

# C12orf65 Polyclonal antibody

Catalog Number: 24646-1-AP



## Basic Information

<b>Catalog Number:</b> 24646-1-AP	<b>GenBank Accession Number:</b> BC062329	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 ug/ml by Nanodrop and 320 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 91574	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H3J6	
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 12 open reading frame 65	
<b>Immunogen Catalog Number:</b> AG19965	<b>Calculated MW:</b> 166 aa, 19 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human kidney tissue,
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with *TE buffer pH 9.0*; (\*) Alternatively, antigen retrieval may be performed with *citrate buffer pH 6.0***

## Background Information

C12orf65 participates in the process of mitochondrial translation and has been shown to be associated with a spectrum of phenotypes, including early onset optic atrophy, progressive encephalomyopathy, peripheral neuropathy, and spastic paraparesis.

## Storage

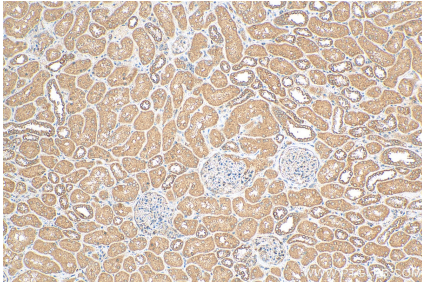
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

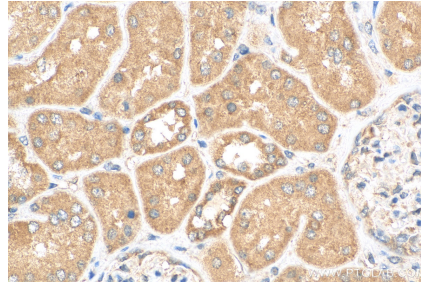
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24646-1-AP (C12orf65 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 24646-1-AP (C12orf65 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).