

For Research Use Only

# KIAA0513 Polyclonal antibody, PBS Only

Catalog Number: 21478-1-PBS



## Basic Information

<b>Catalog Number:</b> 21478-1-PBS	<b>GenBank Accession Number:</b> BC030280	<b>Purification Method:</b> Antigen affinity purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 9764	
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O60268	
<b>Immunogen Catalog Number:</b> AG15624	<b>Full Name:</b> KIAA0513	
	<b>Calculated MW:</b> 411 aa, 47 kDa	
	<b>Observed MW:</b> 34 kDa	

## Applications

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

**Species Specificity:**  
human, mouse, rat

## Background Information

KIAA0513 was identified as upregulated in subjects with schizophrenia. The mRNA of KIAA0513 is ubiquitously expressed but is enriched in the brain, particularly in the cerebellum. The interacting protein analysis indicated that KIAA0513 is involved in both synaptic and apoptotic signaling. (PMID: 17010949) Several isoforms of KIAA0513 (47/46/34 kDa) exist due to the alternative splicing. This antibody is expected to recognize all of isoforms of KIAA0513.

## 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:

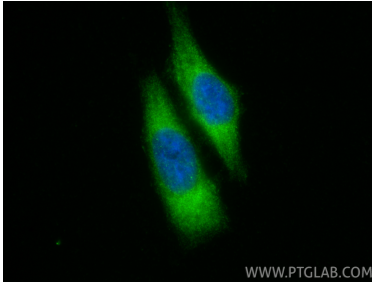
T: 4006900926

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

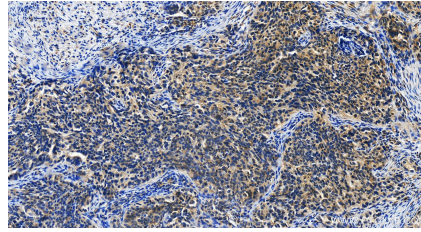
W: [ptgcn.com](http://ptgcn.com)

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

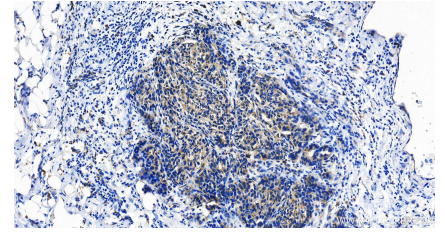
## Selected Validation Data



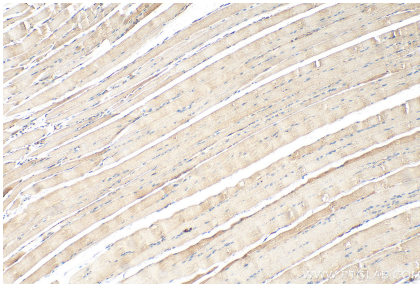
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using KIAA0513 antibody (21478-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 21478-1-PBS in a different storage buffer formulation.



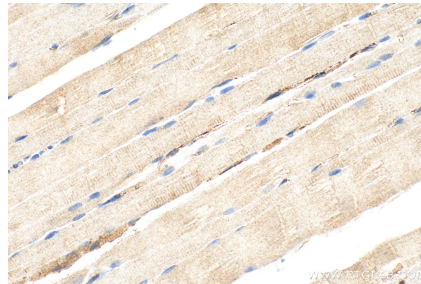
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 21478-1-AP (KIAA0513 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21478-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 21478-1-AP (KIAA0513 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21478-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 21478-1-AP (KIAA0513 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 21478-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat skeletal muscle tissue slide using 21478-1-AP (KIAA0513 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 21478-1-PBS in a different storage buffer formulation.