

For Research Use Only

KIAA0513 Polyclonal antibody, PBS Only

Catalog Number: 21478-1-PBS



Basic Information

Catalog Number:

21478-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15624

GenBank Accession Number:

BC030280

GeneID (NCBI):

9764

UNIPROT ID:

O60268

Full Name:

KIAA0513

Calculated MW:

411 aa, 47 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity purification

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.

Storage Buffer:

PBS only, pH7.3

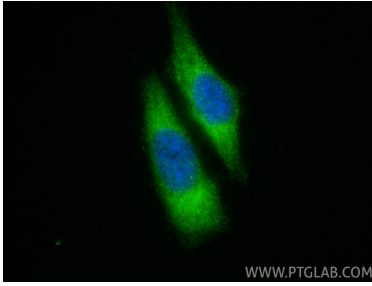
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

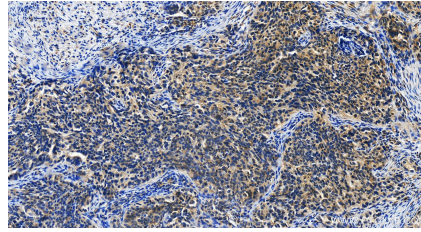
E: proteintech@ptglab.com
W: ptglab.com

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

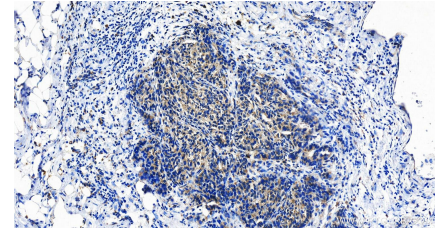
Selected Validation Data



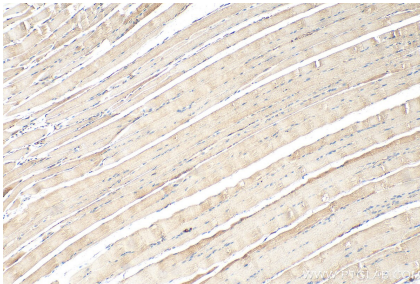
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using KIAA0513 antibody (21478-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 21478-1-PBS in a different storage buffer formulation.



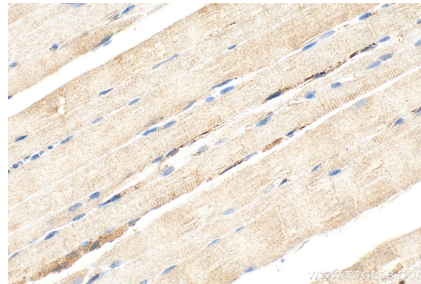
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 21478-1-AP (KIAA0513 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21478-1-PBS in a different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