

For Research Use Only

# NT5DC2 Polyclonal antibody, PBS Only

Catalog Number: 31739-1-PBS



## Basic Information

<b>Catalog Number:</b> 31739-1-PBS	<b>GenBank Accession Number:</b> NML_022908	<b>Purification Method:</b> Antigen affinity Purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 64943	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H857	
<b>Isotype:</b> IgG	<b>Full Name:</b> 5'-nucleotidase domain containing 2	
<b>Immunogen Catalog Number:</b> AG35015	<b>Calculated MW:</b> 61 kDa	
	<b>Observed MW:</b> 60-65 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

5'-Nucleotidase domain containing 2 (NT5DC2) is a member of the NT5DC family and contains a haloacid dehalogenase motif localized in the N-terminus of these proteins (PMID: 32962856). NT5DC2 is associated with attention-deficit/hyperactivity disorder and bipolar disorder. NT5DC2 has been shown to interact with and stabilize Fyn, a Src family proto-oncogene, and plays a role in regulating glioblastoma progression. NT5DC2 promotes tumor cell proliferation by stabilizing EGFR in hepatocellular carcinoma (PMID: 32382041).

## 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:

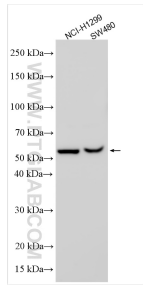
T: 4006900926

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

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31739-1-AP (NT5DC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31739-1-PBS in a different storage buffer formulation.