

For Research Use Only

# NT5DC2 Polyclonal antibody

Catalog Number: 31739-1-AP



## Basic Information

<b>Catalog Number:</b> 31739-1-AP	<b>GenBank Accession Number:</b> NM_022908	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64943	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<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

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : NCI-H1299 cells, SW480 cells
<b>Species Specificity:</b> 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

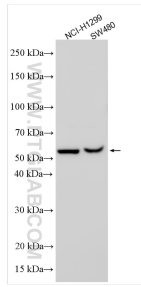
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

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