

For Research Use Only

NT5DC2 Polyclonal antibody

Catalog Number: 31739-1-AP



Basic Information

Catalog Number:

31739-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35015

GenBank Accession Number:

NM_022908

GeneID (NCBI):

64943

UNIPROT ID:

Q9H857

Full Name:

5'-nucleotidase domain containing 2

Calculated MW:

61 kDa

Observed MW:

60-65 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : NCI-H1299 cells, SW480 cells

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

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

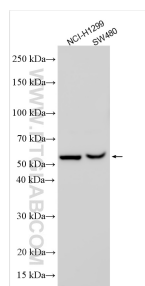
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Selected Validation Data



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.