

For Research Use Only

PYROXD2 Recombinant antibody

Catalog Number: 83954-1-RR



Basic Information

Catalog Number:

83954-1-RR

Size:

100ul, Concentration: 800 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14701

GenBank Accession Number:

BC006131

GeneID (NCBI):

84795

UNIPROT ID:

Q8N2H3

Full Name:

chromosome 10 open reading frame 33

Calculated MW:

581 aa, 63 kDa

Observed MW:

63 kDa

Purification Method:

Protein A purification

CloneNo.:

240984A12

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, LNCaP cells, U-251 cells, A375 cells, L02 cells, Raji cells

Background Information

Pyridine Nucleotide-Disulfide Oxidoreductase Domain 2 (PYROXD2, previously called YueF, C10orf33) is a mitochondrial inner membrane/matrix-residing protein and is reported to regulate mitochondrial function. PYROXD2 is highly expressed in the cytoplasm of normal cells and tissues but is expressed at lower levels in corresponding cancer cells, including liver, lung and renal cell carcinoma and bladder cancer cells (PMID: 29048625, PMID: 35606887).

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

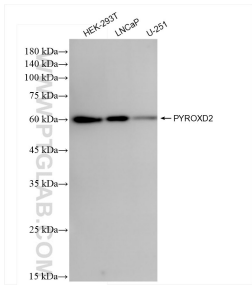
For technical support and original validation data for this product please contact:

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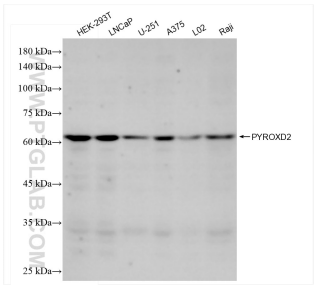
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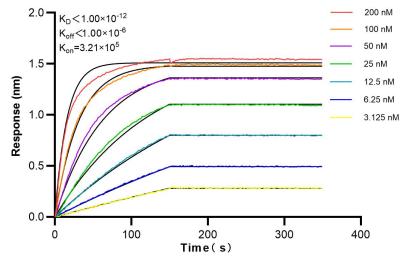
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83954-1-RR (PYROXD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 83954-1-RR against Human PYROXD2 were performed. The affinity constant is below 1 pM.