

For Research Use Only

DDR1 Recombinant antibody, PBS Only

Catalog Number: 84438-6-PBS



Basic Information

Catalog Number:

84438-6-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001297654.2

GeneID (NCBI):

780

UNIPROT ID:

Q08345-1

Full Name:

discoidin domain receptor tyrosine kinase 1

Calculated MW:

101kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

241796D10

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

DDR1, or Discoidin Domain Receptor 1, is a member of the receptor tyrosine kinase (RTK) family, which plays a significant role in various cellular processes including cell proliferation, adhesion, migration, and extracellular matrix (ECM) remodeling. DDR1 is known for its unique discoidin domain that allows it to bind specifically to certain collagens, initiating downstream signaling pathways that can lead to cell transformation and tumor progression. Abnormal activation of DDR1 is closely associated with the development of various solid tumors, and it has been shown that DDR1 can prevent immune cells from infiltrating triple-negative breast cancer (TNBC) and eliminate tumor cells.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

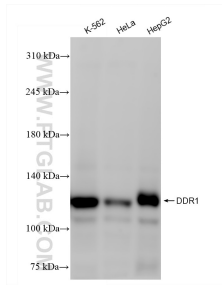
For technical support and original validation data for this product please contact:

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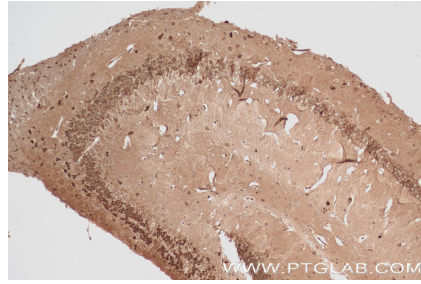
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84438-6-RR (DDR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84438-6-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 84438-6-RR (DDR1 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 84438-6-PBS in a different storage buffer formulation.