

Recombinant

DGRmAb®

Paxillin (DGR31658) Rabbit mAb

db12478

Package : 10µL 20µL 50µL 100µL

Product Name : Paxillin (DGR31658) Rabbit mAb**Cat.No.:** db12478**Synonyms** : PXN**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse**Host species** : Rabbit**Background**

This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011]

Immunogen

A synthetic peptide of human Paxillin

Gene ID

5829

Swiss Prot

P49023

Synonyms

PXN

Reactivity

Human,Mouse

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
ICC/IF: 1:50
FC: 1:100
IP: 1:20**Calculated MW**

65 kDa

Observed MW

65 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR31658

Isotype

IgG

Purity

Affinity Purification

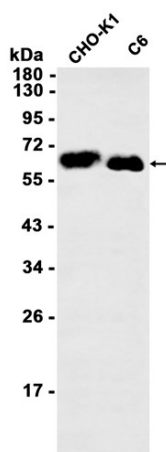
Conjugation

Un-conjugated

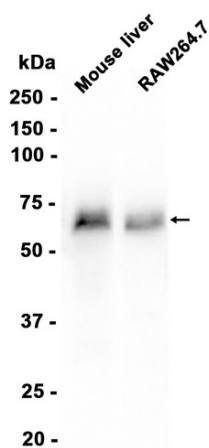
Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

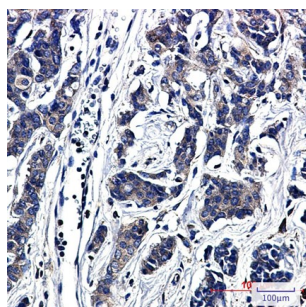
Western blot analysis of extracts from CHO-K1, C6 cells using db12478 at 1:1000.

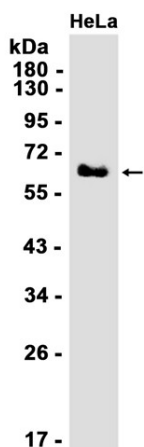


Western blot analysis of extracts from RAW264.7 cells and Mouse liver tissue using db12478 at 1:2000.

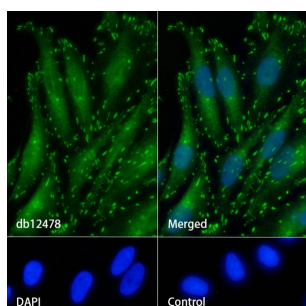


Immunohistochemical analysis of paraffin-embedded human breast cancer using db12478 antibody.





Western blot analysis of extracts from HeLa cells using db12478 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Paxillin with db12478.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12478 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.